

Summary Addendum Report Revision 1

Former Vermiculite Intermountain Facility-SLC2

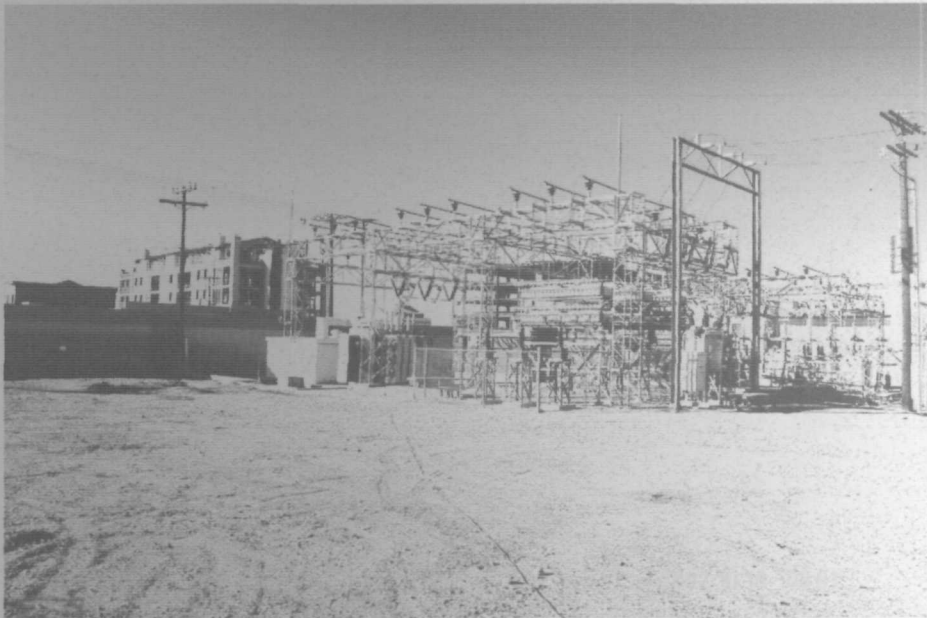
100 South 333 West

Salt Lake City, Utah

ADMINISTRATIVE RECORD

Libby Sister Sites (Asbestos Project)

November 2003



Prepared for:



U.S. EPA Region 8
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Denver, Colorado 80202-2466

Prepared by:



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November 10, 2003

Mr. John McGuiggin, PE
USDOT/RSPA/Volpe Center/DTS-33
55 Broadway, Kendall Square
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Subject: Contract DTRS57-99-D-00017, Task Order C0023
USEPA Region 8, Asbestos Project - Emergency Response
Libby Sister Site Field Sampling Activities at
Former Vermiculite Intermountain Facility - SLC2
333 West 100 South, Salt Lake City, UT
Summary Addendum Report (Revision 1)

Dear Mr. McGuiggin:

CDM Federal Programs Corporation (CDM) is pleased to submit this summary addendum report for the extended field sampling activities that occurred September 22 through September 24, 2003 at the former Vermiculite Intermountain facility at 333 West 100 South, Salt Lake City, UT (SLC2). The scope of services performed by CDM is pursuant to the scope of work included in the task order/technical direction referenced above. This report along with Attachments 1 through 4 present updated information since the Summary Report (Revision 1) dated January 29, 2003 (CDM 2003a). Information on background, site description, and site history are detailed in the earlier report. Results of the sampling activities that occurred October 14 through October 16, 2002 at SLC2 are included in Attachment 5 for easy reference. Supplemental information from Environmental Data Resources, Inc. (EDR) was ordered subsequent to the initial sampling round and is included as Attachment 6 of this report.

Extended Sampling

The overall objectives of the extended sampling effort were to:

- Ascertain the asbestos (i.e., both Libby Amphibole [LA] and total) concentrations in soil, waste/product, dust, and personal air samples.
- Determine polychlorinated biphenyl (PCB) concentrations in soils near areas where transformers and /or visible oil stains are located.
- Determine the vertical and horizontal extent of LA asbestos contamination.



Mr. John McGuiggin, PE

November 10, 2003

Page 2

This report summarizes the field activities and analytical testing that took place during the extended soil sampling event and dust/air sampling activities.

Summary of Sampling Activities

Field activities were conducted from September 22 through September 24, 2003 by Floyd Nichols (EPA On Scene Coordinator), Paul Kudarauskas (Volpe Center), Dean Costello and Frank Morris (CDM), and Melissa Petrak (MACTEC). Prior to performing any field activities, all field team members reviewed the site-specific health and safety plan. Field team members performing the soil sampling were outfitted in level C personal protective equipment (PPE).

Soil Samples

CDM conducted the soil sampling on approximately 50-foot centers over the entire site (Figure 1A-Attachment 1). Thirty-eight 5-point composite soil samples were collected from the surface (0 to 2-inches) within a 25-foot radius of each grid center or station ID (e.g., S11). Twenty-four subsurface soil grab samples were also collected at three consecutive depth intervals from native soil (below asphalt and fill material) in soil borings placed along the north, east, and south sides of the former processing plant (S01 to S10). Sample information including index ID, sample location, and depth intervals were recorded on field sample data sheets (Attachment 3). All soil samples for asbestos analysis were double-bagged in one-gallon plastic zip lock bags and shipped under chain of custody to the Close Support Facility (CFS) laboratory in Denver for processing prior to shipment for analysis at Reservoirs Environmental, Inc. Procedures for processing and analysis are detailed in the site-specific sampling and analysis plan (SAP) - Revision 2 (CDM 2003b).

Two composite soils samples were also collected for PCB analysis. Sample LSS-SLC2-P01-SS-00-02 was collected from an oily area observed in location S10 along the southern boundary of the electrical substation. Sample LSS-SLC2-P02-SS-00-02 was a composite soil collected from areas around two transformers (A and B). These samples were placed in pre-cleaned 8-oz. wide-mouth glass jars and shipped on ice to Alpha Analytical Laboratories under chain-of-custody for PCB analysis. See Figure 2A-Attachment 1 for sample locations.

Deviations from the above referenced SAP include:

- Soil sample locations were in general conformance with the sampling plan except that the proposed locations along 100 South and 400 West Streets were modified to best fit the exposed soil areas. Two proposed locations (S42 and S43) were omitted by the EPA OSC upon ground-truthing.
- Soil location S50 was relocated due to access issues in the fenced-off area on the Utah Transit Authority (UTA) property. Only one 5-point composite sample was collected inside the fenced area to represent soil conditions for that property.



Mr. John McGuiggin, PE

November 10, 2003

Page 3

- Soil borings along the south boundary (Utah Paperbox Co.) were inaccessible to the DPT rig. Therefore, a split-spoon was hammered by hand to collect one grab sample of native soil at each location.

Results from the extended soil sampling show abundant trace to relatively high percent (> 1%) concentrations of LA asbestos in exposed surface soils adjacent to the former processing plant and locations along the former railroad spur (Figure 1A - Attachment 1). In addition, one subsurface soil sample taken from the borings in the AMPCO parking lot detected LA asbestos at low trace levels (< 0.2%) under the asphalt parking lot. The soil sample was from 32 to 40 inches below the surface at boring location S02. However, this along with some vermiculite observed in other nearby core samples suggest that limited contamination may be present to the east of the site under the paved parking lot.

Low levels of PCBs (Aroclor 1260 @ 331 ppb) were detected in sample LSS-SLC2-P02-SS-00-02 from the vicinity of transformers A and B. The other sample was non-detect.

Bulk Waste Samples

Four bulk soil samples containing yard waste material with visible vermiculite were collected from locations representing different portions of the property ranging from obviously contaminated to potentially contaminated areas. Sample locations were selected under the direction of the lead government representative. Each sample consisted of approximately 1.5 cubic feet of surface soil. Bulk soil samples were collected in lined, 5-gallon, plastic buckets and shipped under separate chains-of-custody for archiving at the Denver CSF. Analyses will be performed at a later date pending direction from EPA through Volpe Center. Locations are shown in Figure 2A-Attachment 1 and field sample data sheets (FSDS) are included in Attachment 3.

- No deviations from the above referenced SAP were noted.

Personal Air Samples

A total of 3 personal air (PA) samples including one field blank were collected on September 23, 2003. Personal air samples were collected from the breathing zone of personnel collecting surface soil samples. The pump intake was situated on the collar of the individual doing the surface soil sampling to monitor worker exposure of LA asbestos as specified in OSHA regulations. One PA sample was collected in the morning while the employee collected soil samples in the area of the former processing plant. The other sample was collected in the afternoon while the employee collected soil samples in remaining portions of the electrical substation. FSDS in Attachment 3 provide more information of the sample collections. All of the air samples were shipped directly to Reservoir Environmental Laboratories under chain-of-custody and were analyzed by transmission electron microscopy (TEM) using AHERA counting rules.



Mr. John McGuiggin, PE

November 10, 2003

Page 4

Deviations from the above referenced SAP include:

- The direct-push technology (DPT) operator was not monitored because the soil boring operations had to be completed earlier than originally scheduled due to access conflicts at the proposed sampling sites. On account of the rapid mobilization required to complete the DPT work, this activity was completed before the MACTEC field team member had arrived on site. Therefore, only one day of personal air monitoring was required for the surface soil sampler. Sampling outside the fenced property along the street tree lawn did not require the personal air monitoring and PPE was downgraded to Level D.

No asbestos structures were detected on any of the PA samples that were collected.

Dust Samples

Microvacuum dust samples were collected from horizontal surfaces inside two of the surrounding buildings that were present when the former processing plant was in operation. On September 23, 2003, five composite dust samples (SLC2-1003 through SLC2-1007) were collected from horizontal surfaces inside the Artistic Printing shop and three composite dust samples (SLC2-1009 to SLC2-1011) were collected from horizontal surfaces inside the old brick switch house building located on the electrical substation property. FSDS in Attachment 3 provide a more accurate description of the sampled locations. A field blank was also collected for quality assurance purposes (SLC2-1008). All dust samples were shipped directly to Reservoir Environmental Laboratories under chain-of-custody and analyzed by TEM (ISO Method 10312).

- No deviations from the above referenced SAP were noted.

The samples were analyzed by TEM using ISO 10312 counting rules. Numerous asbestos structures (both LA and chrysotile) were detected in each sample collected, with the exception of the blank sample (Attachment 2). The highest number of LA structures detected in any one sample from the Artistic Printing shop corresponds to an asbestos concentration of 14,600 structures per square centimeter (s/cm²). The UP&L blockhouse revealed the highest results from a shelf in the small interior room (292,000 s/ cm²). The following is a brief description of the composited locations for each sample:

SLC2-1003	Southeast corner of Artistic Printing from two surfaces (top of electrical conduit box and top of large switch box).
SLC2-1004	Floor samples from east half of Artistic Printing along south wall (SW corner, center, SE corner).
SLC2-1005	Window sill at center of east wall inside Artistic Printing (north end, center, south end).



Mr. John McGuiggin, PE

November 10, 2003

Page 5

SLC2-1006	Center storage area within Artistic Printing (top of locker #5, top-center on east side).
SLC2-1007	Ink storage room along south wall of Artistic Printing (workbench, doorway, canisters).
SLC2-1008	Blank.
SLC2-1009	UP&L Substation blockhouse basement (top of crate at south end, shelf on east side, shelf on west side).
SLC2-1010	UP&L Substation main level (shelf in closet).
SLC2-1011	UP&L Substation (floor near back door, top of light switch boxes, window sill).

Although LA asbestos is the focus of this assessment, it should be noted that chrysotile asbestos was also detected at high levels surrounding the site. This may be the result of the processing plant and an associated smoke stack burning down and/or being demolished during the late 1980's.

Conclusions

- Analytical results for surface soils indicated that at least trace amounts $\leq 0.2\%$ to 3% of LA contamination are present over the supplemental area sampled at this site (Figure 1A - Attachment 1). Most of the samples containing trace or high levels of asbestos are within restricted or fenced areas and along the exterior of the Artistic Printing shop where the former rail spur was located. There is some evidence that homeless people occasionally find shelter in this area, although access is very tight between the fence and building. Of the 38 surface soil samples collected, 22 samples had $< 0.2\%$ LA, 4 samples had $\leq 1\%$ LA, 6 samples had from 2 to 3% LA contamination, and 6 were non-detect. The surface soil samples with the highest LA concentration were collected at stations S22, S25, and S48 and contained 3% LA. Variability composite samples (SLC2-0065 and SLC2-0066) were collected from grids S22 and S19, respectively. Results varied by 1% at each location. Twenty-one of the 24 subsurface soil samples, including most of the parking lot samples, were non-detect for asbestos.
- All dust samples detected LA asbestos at wide range of levels from low to very high. The sampled surfaces were biased toward the most likely contaminated. Both building interiors sampled are operating facilities that had open windows exposed to the former processing plant. The EPA toxicologist will evaluate these levels and determine if further sampling of the air media and/or cleanup will be required.



Mr. John McGuiggin, PE

November 10, 2003

Page 6

- No LA structures were detected in the personal air samples indicating there was no residual contamination in the air, or disturbance due to the soil sampling effort.
- PCB analysis data is provided in Attachment 4 for soil disposal information purposes. The level of PCB detected in the one sample around the transformers is low and is expected to conform within UP&L disposal requirements.
- All blank samples were non-detect and data quality objectives were accomplished.

Attachments:

- (1) Site detail maps (Figures 1A-2A) with color-coded results are included in Attachment 1.
- (2) Attachment 2 contains the Tables 1 through 3 with analytical results for all samples.
- (3) Completed FSDS are included in Attachment 3.
- (4) Laboratory Summary Reports are included in Attachment 4.
- (5) Sample results (October 2003) are included in Attachment 5.
- (6) EDR Reports for SLC2 are included in Attachment 5.

If you have any questions, please call me at (617) 452-6257.

Sincerely,

for Timothy B. Wall
Vice President and Task Order Manager
CDM Federal Programs Corporation

Attachments

cc: Paul Kudarauskas (Volpe Center)
Floyd Nichols (EPA Region 8)
Frank Morris (CDM Denver)
File 2603-023



Mr. John McGuiggin, PE
November 10, 2003
Page 7

References

CDM. 2003a. Summary Report (Revision 1) for the Libby Sister Site Scenario Sampling Activities at Former Vermiculite Intermountain Facility SLC-2, 100 South, 333 West, Salt Lake City, UT. January.

_____. 2003b. Sampling and Analysis Plan (Revision 1), Former Vermiculite Intermountain Facility-SLC2, 100 South 333 West, Salt Lake City, UT. September.

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Attachment 1

Sample Location Maps of SCL2

Color Photo(s)

The following pages
contain color that does
not appear in the
scanned images.

To view the actual images, please
contact the Superfund Records
Center at (303) 312-6473.

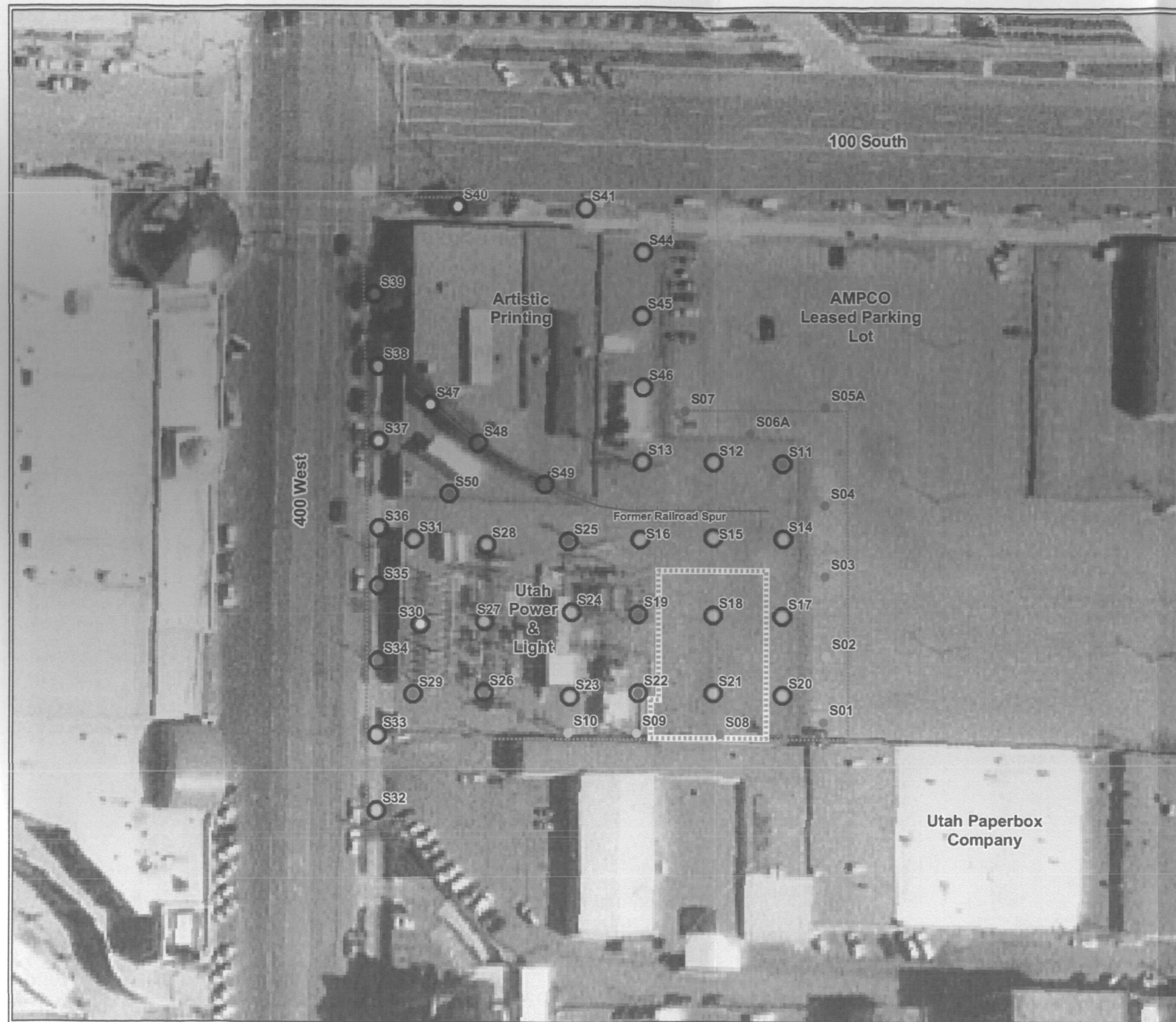


Figure 1A
 Layout and Sample Location Map
 September 2003
 Vermiculite Intermountain Facility
 Libby Sister Site
 Salt Lake City, UT-SLC2

- Legend**
 PLM analysis
 LA Asbestos %
- 2 - 3
 - ≤ 1 Trace (TR)
 - < 0.2
 - Non-Detects (ND)
 - Composite Sample Locations
 - Approximate Boundary of Former Processing Building
 - Site Boundary



Feet
 0 25 50 75 100

CDM

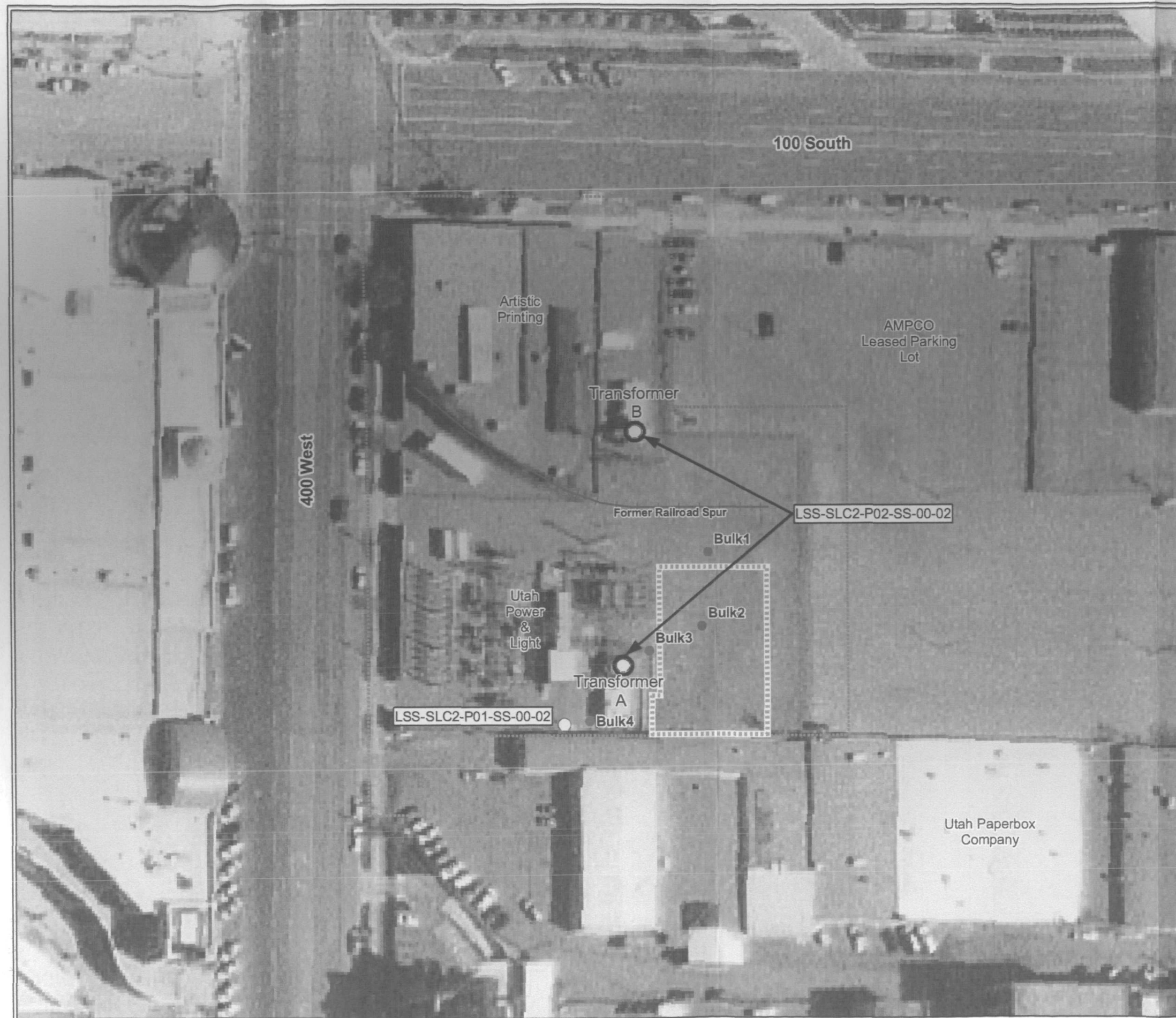





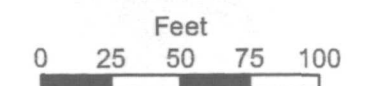


Figure 2A
Layout and Sample Location Map
September 2003
Vermiculite Intermountain Facility
Libby Sister Site
Salt Lake City, UT-SLC2

Legend

-  PCB Soil Samples
-  Bulk Samples
-  Composite
-  Approximate Boundary of Former Processing Building
-  Site Boundary



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Attachment 2

Summary Tables

SLC2

Table 1 Soil Results-SLC2

Index ID	Loc_ID	Appearance	LA Qual (LA-MF[%])	LA Bin	Depth (inches)	Date	Matrix	Easting	Northing
SLC2-0001	S01	Fine	ND	A	12 to 15	9/22/2003	Soil	1529257.861	7448075.479
SLC2-0001D	S01	Fine	ND	A	12 to 15	9/22/2003	Soil	1529257.861	7448075.479
SLC2-0002	S01	Fine	ND	A	15 to 18	9/22/2003	Soil	1529257.861	7448075.479
SLC2-0003	S01	Fine	ND	A	18 to 21	9/22/2003	Soil	1529257.861	7448075.479
SLC2-0004	S02	Fine	TR (<0.2%)	B1	32 to 40	9/22/2003	Soil	1529258.625	7448115.967
SLC2-0005	S02	Fine	ND	A	48 to 54	9/22/2003	Soil	1529258.625	7448115.967
SLC2-0006	S02	Fine	ND	A	54 to 60	9/22/2003	Soil	1529258.625	7448115.967
SLC2-0007	S03	Fine	ND	A	30 to 36	9/22/2003	Soil	1529257.861	7448169.441
SLC2-0008	S03	Fine	ND	A	36 to 42	9/23/2003	Soil	1529257.861	7448169.441
SLC2-0009	S03	Fine	ND	A	42 to 48	9/23/2003	Soil	1529257.861	7448169.441
SLC2-0010	S04	Fine	ND	A	42 to 48	9/23/2003	Soil	1529268.119	7448217.897
SLC2-0011	S04	Fine	ND	A	48 to 52	9/23/2003	Soil	1529268.119	7448217.897
SLC2-0011D	S04	Fine	ND	A	48 to 52	9/23/2003	Soil	1529268.119	7448217.897
SLC2-0012	S04	Fine	ND	A	52 to 56	9/23/2003	Soil	1529268.119	7448217.897
SLC2-0013	S05A	Fine	ND	A	42 to 48	9/23/2003	Soil	1529268.482	7448283.917
SLC2-0014	S05A	Fine	ND	A	48 to 54	9/23/2003	Soil	1529268.482	7448283.917
SLC2-0015	S05A	Fine	ND	A	54 to 60	9/23/2003	Soil	1529268.482	7448283.917
SLC2-0016	S06A	Fine	ND	A	48 to 51	9/23/2003	Soil	1529218.067	7448266.086
SLC2-0017	S06A	Fine	ND	A	51 to 54	9/23/2003	Soil	1529218.067	7448266.086
SLC2-0018	S06A	Fine	ND	A	54 to 57	9/23/2003	Soil	1529218.067	7448266.086
SLC2-0019	S07	Fine	ND	A	36 to 42	9/23/2003	Soil	1529165.407	7448280.526
SLC2-0020	S07	Fine	ND	A	48 to 54	9/23/2003	Soil	1529165.407	7448280.526
SLC2-0021	S07	Fine	ND	A	54 to 60	9/23/2003	Soil	1529165.407	7448280.526
SLC2-0021D	S07	Fine	ND	A	54 to 60	9/23/2003	Soil	1529165.407	7448280.526
SLC2-0022	S11	Fine	ND	A	0 to 2	9/23/2003	Soil	1529239.926	7448245.91
SLC2-0023	S10	Fine	TR (<0.2%)	B1	0 to 6	9/23/2003	Soil	1529096.115	7448064.532
SLC2-0024	S09	Fine	TR (<0.2%)	B1	0 to 10	9/23/2003	Soil	1529141.651	7448064.888
SLC2-0025	S08	Fine	ND	A	0 to 5	9/23/2003	Soil	1529197.457	7448064.057
SLC2-0026	S12	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529193.269	7448246.622
SLC2-0027	S13	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529145.697	7448247.01
SLC2-0028	S14	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529240.059	7448195.338
SLC2-0029	S15	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529193.078	7448195.87
SLC2-0030	S16	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529144.128	7448194.834
SLC2-0031	S17	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529239.437	7448143.19
SLC2-0031D	S17	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529239.437	7448143.19
SLC2-0032	S18	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529193.235	7448143.814
SLC2-0033	S19	Fine	2%	C	0 to 2	9/23/2003	Soil	1529142.849	7448144.521

SLC2

Table 1 Soil Results-SLC2 (continued)

Index ID	Loc_ID	Appearance	LA Qual (LA-MF[%])	LA Bin	Depth (inches)	Date	Matrix	Easting	Northing
SLC2-0034	S20	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529239.727	7448090.179
SLC2-0035	S21	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529193.02	7448091.464
SLC2-0036	S22	Fine	3%	C	0 to 2	9/23/2003	Soil	1529142.741	7448091.755
SLC2-0037	S23	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529097.268	7448088.983
SLC2-0038	S24	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529094.608	7448144.984
SLC2-0039	S25	Fine	3%	C	0 to 2	9/23/2003	Soil	1529096.392	7448193.476
SLC2-0040	S26	Fine	ND	A	0 to 2	9/23/2003	Soil	1529039.962	7448091.626
SLC2-0041	S27	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529040.252	7448139.319
SLC2-0041D	S27	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529040.252	7448139.319
SLC2-0042	S28	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529041.55	7448191.131
SLC2-0043	S29	Fine	ND	A	0 to 2	9/23/2003	Soil	1528992.252	7448090.57
SLC2-0044	S30	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1528997.146	7448137.488
SLC2-0044D	S30	Fine	<1%	B2	0 to 2	9/23/2003	Soil	1528997.146	7448137.488
SLC2-0045	S31	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1528992.567	7448194.696
SLC2-0046	S32	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1528967.466	7448012.757
SLC2-0047	S33	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1528968.165	7448063.313
SLC2-0048	S34	Fine	ND	A	0 to 2	9/24/2003	Soil	1528968.82	7448113.217
SLC2-0049	S35	Fine	ND	A	0 to 2	9/24/2003	Soil	1528968.975	7448163.405
SLC2-0050	S36	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1528969.445	7448202.194
SLC2-0051	S37	Fine	<1%	B2	0 to 2	9/24/2003	Soil	1528969.098	7448260.819
SLC2-0052	S38	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1528968.623	7448310.961
SLC2-0053	S39	Fine	ND	A	0 to 2	9/24/2003	Soil	1528966.319	7448359.081
SLC2-0054	S40	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1529022.826	7448405.817
SLC2-0054D	S40	Fine	<1%	B2	0 to 2	9/24/2003	Soil	1529022.826	7448405.817
SLC2-0055	S41	Fine	TR (<0.2%)	B1	0 to 2	9/24/2003	Soil	1529098.916	7448404.295
SLC2-0058	S44	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529146.068	7448387.555
SLC2-0059	S45	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529145.304	7448344.945
SLC2-0060	S46	Fine	TR (<0.2%)	B1	0 to 2	9/23/2003	Soil	1529146.068	7448297.017
SLC2-0061	S47	Fine	<1%	B2	0 to 2	9/23/2003	Soil	1529003.771	7448285.041
SLC2-0062	S48	Fine	3%	C	0 to 2	9/23/2003	Soil	1529036.059	7448258.962
SLC2-0063	S49	Fine	2%	C	0 to 2	9/23/2003	Soil	1529080.766	7448231.641
SLC2-0064	S50	Fine	2%	C	0 to 2	9/23/2003	Soil	1529016.46	7448225.21
SLC2-0065	S22	Fine	2%	C	0 to 2	9/23/2003	Soil	1529142.741	7448091.755
SLC2-0066	S19	Fine	<1%	B2	0 to 2	9/23/2003	Soil	1529142.849	7448144.521
SLC2-0066D	S19	Fine	<1%	B2	0 to 2	9/23/2003	Soil	1529142.849	7448144.521

Table 2
Personal Air Sampling Results (SLC2)

Date Sampled	Index ID Number	Name / Sample Type	Location	Air Volume (Liters)	Libby Amphibole Concentration (S/cc)
9/23/03	SLC2-1000	Dean Costello	Collar of Soil Sampler (AM)	276	None Detected
9/23/03	SLC2-1001	Dean Costello	Collar of Soil Sampler (PM)	365	None Detected
9/23/03	SLC2-1002	Field Blank	Field Blank	0	None Detected

Table 3 Dust Sampling Results (SLC2)

Date Sampled	Sample Number	Location*	Libby Amphibole Structures Detected	Libby Amphibole Concentration (S/cm²)
9/23/03	SLC2-1003	Artistic Printing	8	14,600
9/23/03	SLC2-1004	Artistic Printing	1	122
9/23/03	SLC2-1005	Artistic Printing	7	8,530
9/23/03	SLC2-1006	Artistic Printing	4	7,310
9/23/03	SLC2-1007	Artistic Printing	2	244
9/23/03	SLC2-1008	Field Blank	0	None Detected
9/23/03	SLC2-1009	Pacificorp UP&L Blockhouse	9	27,400
9/23/03	SLC2-1010	Pacificorp UP&L Blockhouse	4	292,000
9/23/03	SLC2-1011	Pacificorp UP&L Blockhouse	1	2,440

*See FSDS for specific surfaces sampled.

TARGET SHEET
EPA REGION VIII
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 1005103

SITE NAME: VERMICULITE INTERMOUNTAIN

DOCUMENT DATE: 11/10/2003

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☒ TYPES OF DOCUMENTS NOT TO BE SCANNED
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

ATTACHMENT 3 Field Sample Data Sheets

ATTACHMENT 4 Laboratory Analytical Reports



Attachment 5

Sample Results (October 2002)

Color Photo(s)

The following pages
contain color that does
not appear in the
scanned images.

To view the actual images, please
contact the Superfund Records
Center at (303) 312-6473.

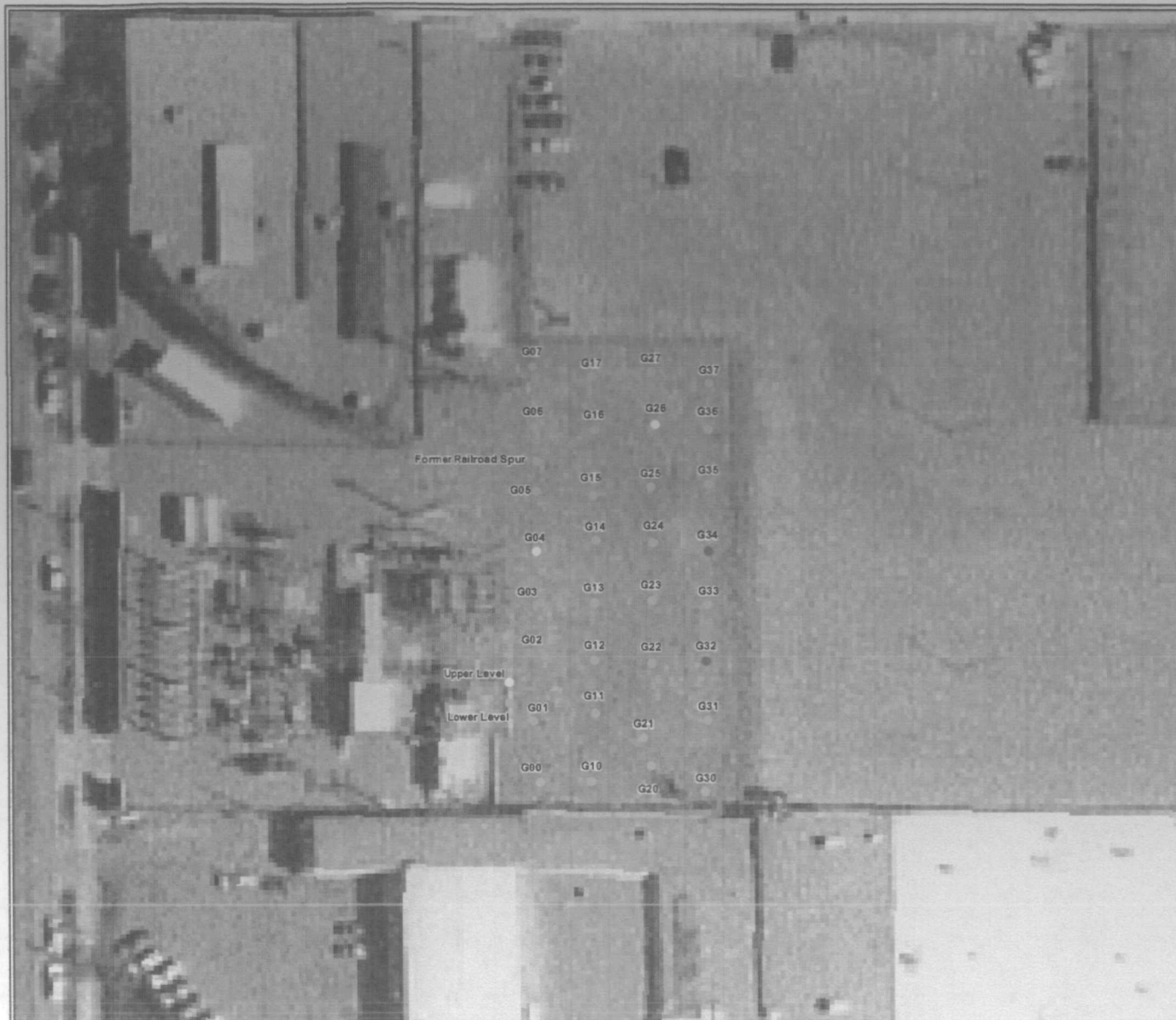


Figure 1-1

Surface Soil Sample Results
(0 to 2 Inches)

Sisters of Libby - Salt Lake City, Utah

Legend
PLM Analysis
Tremolite-Actinolite %

- 0
- <=1
- 2 - 3
- 4
- >5



0 25 50 100
Feet

CDM

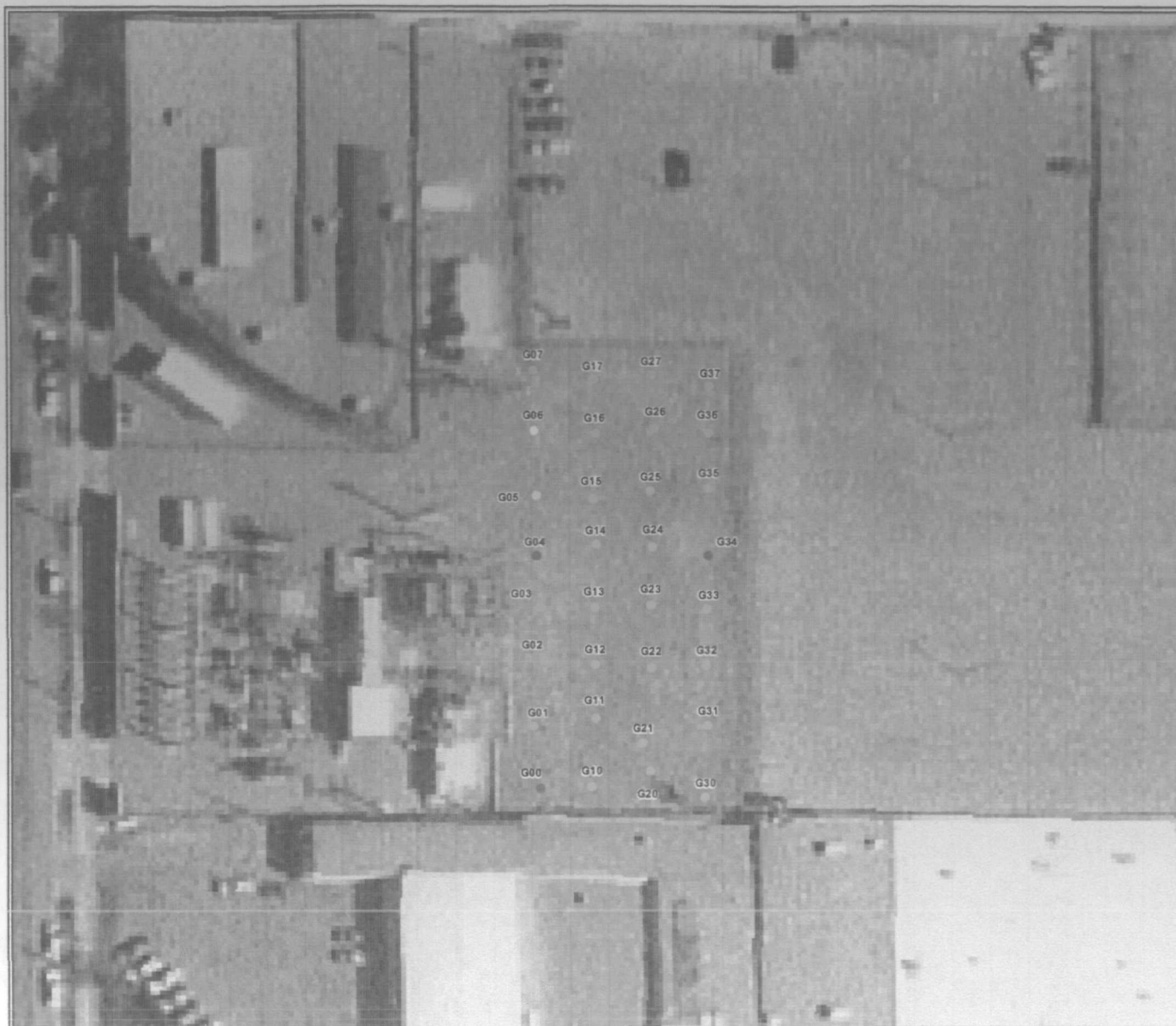


Figure 1-2

Subsurface Soil Sample Results
(2 to 6 Inches)

Sisters of Libby - Salt Lake City, Utah

Legend
PLM Analysis
Tremolite-Actinolite %

- 0
- ≤1
- 2 - 3
- 4
- >5



0 25 50 100
Feet

CDM

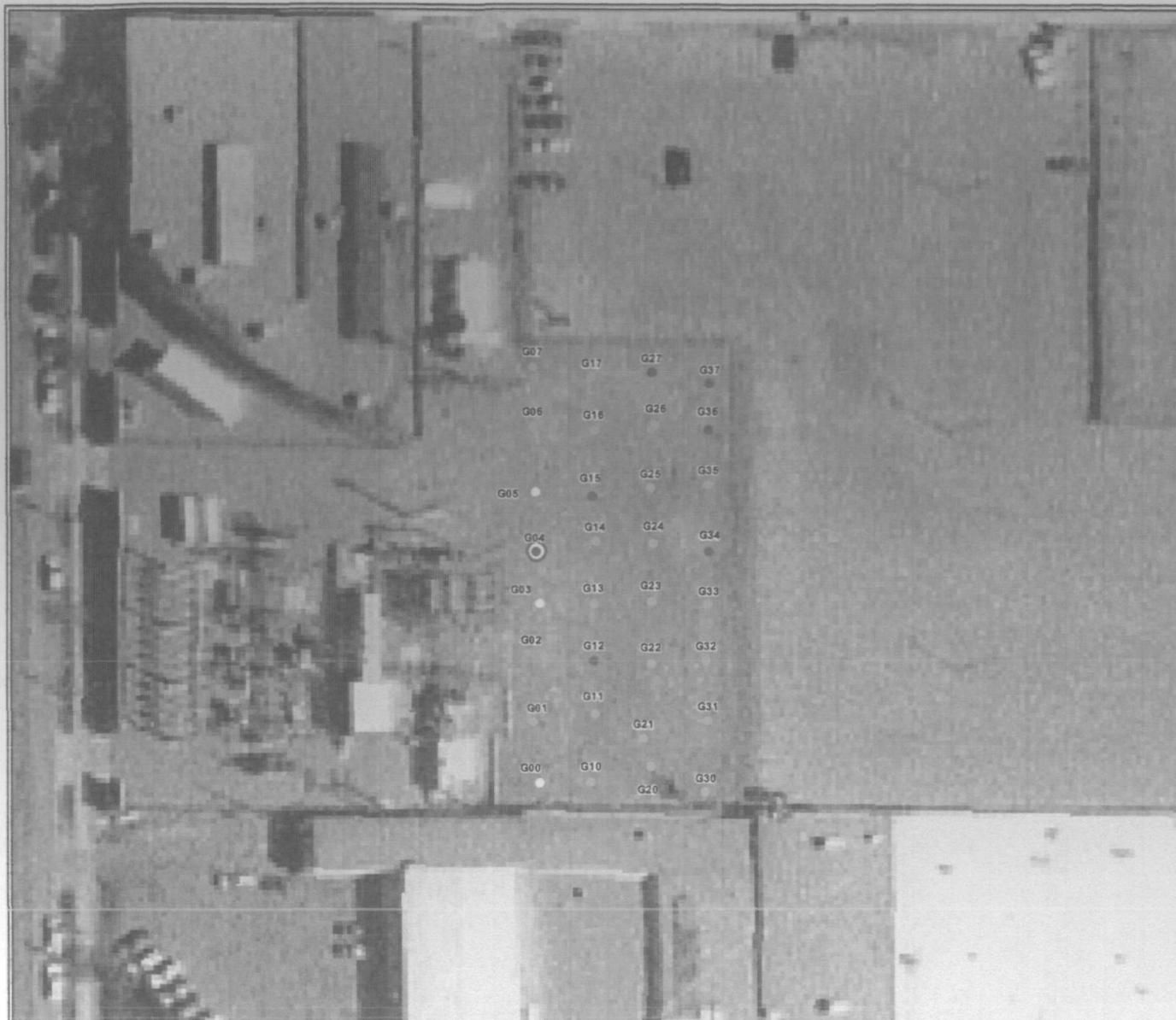


Figure 1-3

Subsurface Soil Sample Results
(6 to 12 Inches)

Sisters of Libby - Salt Lake City, Utah

Legend
PLM Analysis
Tremolite-Actinolite %

- 0
- <=1
- 2 - 3
- 4
- >5

Subsurface Soil (36 - 42 Inch Depth)

- >5

Refusal at 9.5 feet, product full length
(1 foot offset south of G04)



Feet
0 25 50 100

CDM

Table 1. Soil samaple analytical data

Index ID	Grid Location	Depth (inches)	X Coordinate	Y Coordinate	PLM Result (% LA)	Visible Vermiculite
1R8-3001	G00	0-2	1529160.55024000000	7448075.41724000000	< 1	No
1R8-3002	G00	2-6	1529160.55024000000	7448075.41724000000	ND	Trace
1R8-3003	G00	6-12	1529160.55024000000	7448075.41724000000	2	Trace
1R8-3004	G01	0-2	1529157.68500000000	7448101.66152000000	< 1	Trace
1R8-3005	G01	2-6	1529157.68500000000	7448101.66152000000	< 1	Trace
1R8-3006	G01	6-12	1529157.68500000000	7448101.66152000000	< 1	Trace
1R8-3007	G02	0-2	1529162.61407000000	7448129.49092000000	< 1	Trace
1R8-3008	G02	2-6	1529162.61407000000	7448129.49092000000	< 1	Yes
1R8-3009	G02	6-12	1529162.61407000000	7448129.49092000000	< 1	Yes
1R8-3010	G03	0-2	1529160.74697000000	7448152.29260000000	< 1	No
1R8-3011	G03	2-6	1529160.74697000000	7448152.29260000000	< 1	No
1R8-3012	G03	6-12	1529160.74697000000	7448152.29260000000	3	Abundant to 4 ft
1R8-3013	G04	0-2	1529159.13335000000	7448174.41441000000	3	No
1R8-3014	G04	2-6	1529159.13335000000	7448174.41441000000	12	Abundant to 4 ft
1R8-3015	G04	6-12	1529159.13335000000	7448174.41441000000	15	Abundant to 4 ft
1R8-3100	G04	36-42	1529159.13335000000	7448174.41441000000	18	Visible to 9.5 ft
1R8-3016	G05	0-2	1529159.08742000000	7448199.97886000000	< 1	No
1R8-3017	G05	2-6	1529159.08742000000	7448199.97886000000	4	Abundant
1R8-3018	G05	6-12	1529159.08742000000	7448199.97886000000	2	No
1R8-3019	G06	0-2	1529158.09646000000	7448227.69226000000	< 1	No
1R8-3020	G06	2-6	1529158.09646000000	7448227.69226000000	2	No
1R8-3021	G06	6-12	1529158.09646000000	7448227.69226000000	< 1	No
1R8-3022	G07	0-2	1529157.81215000000	7448253.20613000000	< 1	No
1R8-3023	G07	2-6	1529157.81215000000	7448253.20613000000	< 1	No
1R8-3024	G07	6-12	1529157.81215000000	7448253.20613000000	< 1	No
1R8-3025	G17	0-2	1529183.18065000000	7448249.28638000000	< 1	No
1R8-3026	G17	2-6	1529183.18065000000	7448249.28638000000	< 1	No
1R8-3027	G17	6-12	1529183.18065000000	7448249.28638000000	< 1	Trace
1R8-3028	G16	0-2	1529184.20313000000	7448226.34281000000	< 1	No
1R8-3029	G16	2-6	1529184.20313000000	7448226.34281000000	< 1	No
1R8-3030	G16	6-12	1529184.20313000000	7448226.34281000000	< 1	No
1R8-3031	G15	0-2	1529183.19428000000	7448198.20745000000	< 1	Yes
1R8-3032	G15	2-6	1529183.19428000000	7448198.20745000000	< 1	Yes
1R8-3033	G15	6-12	1529183.19428000000	7448198.20745000000	12	Abundant to 3.5 ft
1R8-3034	G14	0-2	1529184.39506000000	7448179.01794000000	< 1	No
1R8-3035	G14	2-6	1529184.39506000000	7448179.01794000000	< 1	No
1R8-3036	G14	6-12	1529184.39506000000	7448179.01794000000	< 1	Trace
1R8-3037	G13	0-2	1529183.81120000000	7448152.02845000000	< 1	No
1R8-3038	G13	2-6	1529183.81120000000	7448152.02845000000	< 1	Trace
1R8-3039	G13	6-12	1529183.81120000000	7448152.02845000000	< 1	No

Table 1. Soil samaple analytical data

Index ID	Grid Location	Depth (inches)	X Coordinate	Y Coordinate	PLM Result (% LA)	Visible Vermiculite
1R8-3040	G12	0-2	1529183.76803000000	7448127.74895000000	< 1	No
1R8-3041	G12	2-6	1529183.76803000000	7448127.74895000000	< 1	No
1R8-3042	G12	6-12	1529183.76803000000	7448127.74895000000	ND	No
1R8-3043	G11	0-2	1529184.10749000000	7448104.99355000000	< 1	No
1R8-3044	G11	2-6	1529184.10749000000	7448104.99355000000	< 1	Trace
1R8-3045	G11	6-12	1529184.10749000000	7448104.99355000000	< 1	No
1R8-3046	G10	0-2	1529182.31359000000	7448075.84866000000	< 1	No
1R8-3047	G10	2-6	1529182.31359000000	7448075.84866000000	< 1	No
1R8-3048	G10	6-12	1529182.31359000000	7448075.84866000000	< 1	No
1R8-3049	G20	0-2	1529207.87188000000	7448082.59448000000	< 1	No
1R8-3050	G20	2-6	1529207.87188000000	7448082.59448000000	< 1	No
1R8-3051	G20	6-12	1529207.87188000000	7448082.59448000000	< 1	No
1R8-3052	G21	0-2	1529204.60104000000	7448094.54059000000	< 1	No
1R8-3053	G21	2-6	1529204.60104000000	7448094.54059000000	< 1	No
1R8-3054	G21	6-12	1529204.60104000000	7448094.54059000000	< 1	No
1R8-3055	G22	0-2	1529208.30691000000	7448126.47141000000	< 1	No
1R8-3056	G22	2-6	1529208.30691000000	7448126.47141000000	< 1	No
1R8-3057	G22	6-12	1529208.30691000000	7448126.47141000000	< 1	No
1R8-3058	G23	0-2	1529208.49647000000	7448153.17253000000	< 1	No
1R8-3059	G23	2-6	1529208.49647000000	7448153.17253000000	< 1	No
1R8-3060	G23	6-12	1529208.49647000000	7448153.17253000000	< 1	No
1R8-3061	G24	0-2	1529208.99842000000	7448178.02983000000	< 1	No
1R8-3062	G24	2-6	1529208.99842000000	7448178.02983000000	< 1	No
1R8-3063	G24	6-12	1529208.99842000000	7448178.02983000000	< 1	No
1R8-3064	G25	0-2	1529208.21533000000	7448201.98425000000	< 1	Yes
1R8-3065	G25	2-6	1529208.21533000000	7448201.98425000000	< 1	Yes
1R8-3066	G25	6-12	1529208.21533000000	7448201.98425000000	1	Abundant
1R8-3067	G26	0-2	1529209.95078000000	7448228.71332000000	2	No
1R8-3068	G26	2-6	1529209.95078000000	7448228.71332000000	1	No
1R8-3069	G26	6-12	1529209.95078000000	7448228.71332000000	< 1	No

Table 1. Soil samaple analytical data

Index ID	Grid Location	Depth (inches)	X Coordinate	Y Coordinate	PLM Result (% LA)	Visible Vermiculite
1R8-3070	G27	0-2	1529208.80332000000	7448251.13666000000	< 1	No
1R8-3071	G27	2-6	1529208.80332000000	7448251.13666000000	< 1	No
1R8-3072	G27	6-12	1529208.80332000000	7448251.13666000000	ND	No
1R8-3073	G37	0-2	1529233.07319000000	7448246.36924000000	< 1	No
1R8-3074	G37	2-6	1529233.07319000000	7448246.36924000000	< 1	No
1R8-3075	G37	6-12	1529233.07319000000	7448246.36924000000	ND	No
1R8-3076	G36	0-2	1529232.75949000000	7448226.50694000000	1	No
1R8-3077	G36	2-6	1529232.75949000000	7448226.50694000000	< 1	No
1R8-3078	G36	6-12	1529232.75949000000	7448226.50694000000	ND	No
1R8-3079	G35	0-2	1529232.53222000000	7448202.88689000000	< 1	No
1R8-3080	G35	2-6	1529232.53222000000	7448202.88689000000	< 1	Yes
1R8-3081	G35	6-12	1529232.53222000000	7448202.88689000000	< 1	Yes
1R8-3082	G34	0-2	1529232.66666000000	7448174.54218000000	7	No
1R8-3083	G34	2-6	1529232.66666000000	7448174.54218000000	ND	No
1R8-3084	G34	6-12	1529232.66666000000	7448174.54218000000	ND	No
1R8-3085	G33	0-2	1529232.09049000000	7448151.65707000000	< 1	No
1R8-3086	G33	2-6	1529232.09049000000	7448151.65707000000	< 1	Trace
1R8-3087	G33	6-12	1529232.09049000000	7448151.65707000000	< 1	Trace
1R8-3088	G32	0-2	1529231.37015000000	7448127.35525000000	ND	No
1R8-3089	G32	2-6	1529231.37015000000	7448127.35525000000	< 1	Trace
1R8-3090	G32	6-12	1529231.37015000000	7448127.35525000000	< 1	Trace
1R8-3091	G31	0-2	1529232.09060000000	7448102.05478000000	< 1	No
1R8-3092	G31	2-6	1529232.09060000000	7448102.05478000000	< 1	No
1R8-3093	G31	6-12	1529232.09060000000	7448102.05478000000	< 1	No
1R8-3094	G30	0-2	1529230.96560000000	7448071.52445000000	< 1	No
1R8-3095	G30	2-6	1529230.96560000000	7448071.52445000000	< 1	No
1R8-3096	G30	6-12	1529230.96560000000	7448071.52445000000	< 1	No
1R8-3097	Lower Level	0-2	1529147.24960000000	7448109.36813000000	< 1	No
1R8-3098	Upper Level	0-2	1529147.37447000000	7448118.23289000000	3	No
1R8-3099	Fmr RR Spur	0-2	1529159.42129000000	7448212.78079000000	< 1	No

All samples analyzed by PLM (NIOSH 9002) except for 1R8-3101 and 1R8-3102

PLM polarized light microscopy

% percent

LA Libby Amphibole

< less than

ND nondetect

CDM

Attachment 6

EDR Reports



The EDR Radius Map with GeoCheck®

**Intermountain Vermiculite Facility
West 100 South/South 400 West
Salt Lake City, UT 84101**

Inquiry Number: 00995252.5r

June 13, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Overview Map.....	2
Detail Map.....	3
Map Findings Summary.....	4
Map Findings.....	6
Orphan Summary.....	37
Government Records Searched/Data Currency Tracking.....	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum.....	A-1
Physical Setting Source Summary.....	A-2
Physical Setting Source Map.....	A-7
Physical Setting Source Map Findings.....	A-8
Physical Setting Source Records Searched.....	A-14

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

WEST 100 SOUTH/SOUTH 400 WEST
SALT LAKE CITY, UT 84101

COORDINATES

Latitude (North):	40.766800 - 40° 46' 0.5"
Longitude (West):	111.901200 - 111° 54' 4.3"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	423938.7
UTM Y (Meters):	4513049.5
Elevation:	4260 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2440111-G8 SALT LAKE CITY NORTH, UT
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL.....	Proposed National Priority List Sites
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
RCRIS-TSD.....	Resource Conservation and Recovery Information System
ERNS.....	Emergency Response Notification System

STATE ASTM STANDARD

SHWS.....	This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
SWF/LF.....	List of Landfills

EXECUTIVE SUMMARY

VCP..... Voluntary Cleanup Sites List
INDIAN UST..... Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Listing of Aboveground Storage Tanks
SPILLS..... Spills Data
BROWNFIELDS..... Brownfields Assessment Sites

BROWNFIELDS DATABASES

VCP..... Voluntary Cleanup Sites List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the

EXECUTIVE SUMMARY

U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/30/2003 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UTAH POWER & LIGHT/AMERICAN BA	600 W SOUTH TEMPLE	1/4 - 1/2NW	0	6

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 03/19/2003 has revealed that there are 3 CERCLIS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UTAH POWER & LIGHT/AMERICAN BA	600 W SOUTH TEMPLE	1/4 - 1/2NW	0	6
VERMICULITE INTERMOUNTAIN	333 WEST 100 SOUTH	0 - 1/8 NE	2	12

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
200 SOUTH 300 WEST PLUME	200 SOUTH 300 WEST	1/8 - 1/4SSE	B12	15

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/31/2003 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MYERS CONTAINER CORP	49 SOUTH 600 WEST	1/4 - 1/2W	29	22
AMERICAN BARREL COMPANY	600 WEST NORTH TEMPLE	1/4 - 1/2NW	45	31
MARK MILLER TOYOTA	84 WEST 700 SOUTH	1/2 - 1 SSE	46	34

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALMOS CLEANERS	218 WEST 300 SOUTH	1/8 - 1/4SSE	15	17

EXECUTIVE SUMMARY

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 6 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SPECIALIZED RAIL SERVICE INC.	180 SOUTH 300 WEST STE	1/8 - 1/4 SE	9	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARTISTIC PRINTING COMPANY	377 WEST 100 SOUTH	0 - 1/8 NW	A3	12
PARKER ABBOTT TRANSFER & STORA	450 WEST 100 SOUTH	0 - 1/8 W	6	13
AAMCO TRANSMISSION	202 WEST 300 SOUTH	1/8 - 1/4 SSE	B14	16
UNION PACIFIC RAILROAD COMPANY	400 WEST SOUTH TEMPLE	1/8 - 1/4 NNW	17	18
ARTSPACE, INC.	325 W PIERPONT AVE	1/8 - 1/4 S	19	18

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Potential Leaking UST Sites.

A review of the LUST list, as provided by EDR, and dated 04/14/2003 has revealed that there are 22 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SE CORNER	100 S 300 W S E C	0 - 1/8 ENE	5	13
BOISE CASCADE DISTRIBUTION	53 S 300 W	1/8 - 1/4 NE	10	15
DOWNTOWN SELF STORAGE	255 W 200 S	1/8 - 1/4 SE	C25	20
GREYHOUND LINES, INC. #8510	160 W SOUTH TEMPLE	1/4 - 1/2 ENE	31	25
SALT PALACE	100 S WEST TEMPLE	1/4 - 1/2 E	32	26
S.L. SCHOOL MAINTENANCE SHOPS	143 N 300 W	1/4 - 1/2 NNE	33	26
MAVERIK #327 / OLD CIRCLE K #8	206 W NORTH TEMPLE	1/4 - 1/2 NE	34	27
OLD CONTINENTAL BUS DEPOT	98 W SOUTH TEMPLE	1/4 - 1/2 ENE	39	28
RAINBO #12	163 W NORTH TEMPLE	1/4 - 1/2 NE	40	29
RED LION/SALT LAKE	255 SOUTH. WEST TEMPLE	1/4 - 1/2 ESE	41	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GAS STATION	75 S 400 W	0 - 1/8 NW	A4	13
JAZZ ARENA PARKING SITE	CITY BLOCK 84	1/8 - 1/4 NW	8	14
BEEHIVE BRICK CO.	244 S 500 W	1/4 - 1/2 SW	26	20
FIRESTONE DEALER STORE	308 W 300 S	1/4 - 1/2 SSE	27	21
SALT LAKE HARDWARE BUILDING	105 N 400 W	1/4 - 1/2 N	28	21
SALT LAKE CITY CORP	350 S 200 W	1/4 - 1/2 SSE	30	25
UTA - CENTRAL DIVISION	610 W 200 S	1/4 - 1/2 WSW	35	27
PIONEER PARK PHILLIPS 66	379 S 300 W	1/4 - 1/2 SSE	37	28
TRAILWAYS BUS SYSTEMS, INC.	346 S 500 W	1/4 - 1/2 SSW	38	28
A & Z PRODUCE CO	380 W 500 S	1/4 - 1/2 S	42	30
HILL'S SERVICE	404 S 300 W	1/4 - 1/2 S	D43	31
FOTE'S SERVICE	413 S 300 W	1/4 - 1/2 S	D44	31

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains a listing of Facility, Owner, Location & Tanks not Closed or Removed. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Facilities with at Least One Non-exempt Tank.

A review of the UST list, as provided by EDR, and dated 04/14/2003 has revealed that there are 15 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SE CORNER	100 S 300 W S E C	0 - 1/8 ENE	5	13
DIXON BUILDING	159 W 300 S	0 - 1/8 SE	7	14
BOISE CASCADE DISTRIBUTION	53 S 300 W	1/8 - 1/4 NE	10	15
UNKNOWN	179 W 300 S	1/8 - 1/4 SE	16	17
TEXACO (OLD) CHEVRON #7-0464	279 W SOUTH TEMPLE	1/8 - 1/4 NNE	20	19
MULTI-ETHNIC SENIOR CITIZEN HI	120 S 200 W	1/8 - 1/4 E	22	19
EXPO MART SALT LAKE	230 W 200 S STE 2115	1/8 - 1/4 SE	C23	19
DOWNTOWN SELF STORAGE	255 W 200 S	1/8 - 1/4 SE	C25	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GATEWAY BLOCK B 1	100 SOUTH 400 WEST	0 - 1/8 WSW	1	11
GAS STATION	75 S 400 W	0 - 1/8 NW	A4	13
DECORATING INC. (LEASEE)	106 S 500 W	1/8 - 1/4 W	11	15
FORMER AAMCO TRANSMISSION SHOP	202 W 300 S	1/8 - 1/4 SSE	B13	16
UTE CAB CO.	456 W 200 S	1/8 - 1/4 SW	18	18
WELLS FARGO ARMORED SERVICE	220 S RIO GRANDE ST	1/8 - 1/4 SW	21	19
ST VINCENT DE PAUL	245 S RIO GRANDE STREET	1/8 - 1/4 SW	24	20

FEDERAL ASTM SUPPLEMENTAL

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UTAH POWER & LIGHT/AMERICAN BA	600 W SOUTH TEMPLE	1/4 - 1/2 NW	0	6

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SALT LAKE CITY GAS CO.	N. 5TH ST. WEST, NORTH	1/4 - 1/2 NW	36	27

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
UNIVAR USA (FORMERLY VOPAK USA, INC. AND VAN WATER	VCP, SPILLS
INTERNATIONAL ARRIVAL BLDG	LUST, SPILLS
INTERMOUNTAIN INSULATION SLC PLANT	CERCLIS
900 S STREET DRUMS	CERCLIS
NORTHWEST OIL DRAIN	CERCLIS, FINDS
MANNING CANYON	CERCLIS, FINDS
OLD SALT LAKE CITY FIRE STATION	CERC-NFRAP
NORTH YARD	UST, LUST
PALLADIO APARTMENTS	VCP
SALT LAKE CITY INTERMODAL HUB	VCP
C.W. SILVER	VCP
PETRO EXPRESS INC.	RCRIS-SQG, FINDS
RED HANGER CLEANERS	RCRIS-SQG, FINDS
TENNECO PACKAGING	RCRIS-SQG, FINDS
SEMI SERVICE INC	RCRIS-SQG, FINDS
CITY WELDING & RADIATOR WORKS	RCRIS-SQG, FINDS
PMT SERVICES	RCRIS-SQG
MYERS CONTAINER CORPORATION	RCRIS-SQG, FINDS
DETECTED OIL IN SLOUGH ADJ TO FACILITY / TRACED TO MUNICIPAL	ERNS
CLIVE FACILITY/EXIT 49 OFF US 18>3MI SOUTH AND FACILITY IS O	ERNS
HANSEN WATER DISPOSAL FACILITY/ UT-99-47	FINDS
BLEAZARD DISPOSAL FACILITY / UT-99-12	FINDS
VARIAN EIMAC MANUFACTURING FACILITY	FINDS

-
- A horizontal number line representing distance in miles. The line starts at 0 and ends at 1/4. There are tick marks at 0, 1/16, 1/8, 3/16, and 1/4. The segment between 1/16 and 1/8 is shaded black.

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	1	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	1	1	NR	NR	3
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	2	1	NR	3
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	2	4	NR	NR	NR	6
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		N/A	N/A	N/A	N/A	N/A	N/A	N/A
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	3	17	NR	NR	22
UST		0.250	4	11	NR	NR	NR	15
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	1	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	1	0	NR	1

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>BROWNFIELDS DATABASES</u>								
VCP		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NPL
Region
NW
1/4-1/2
1517 ft.

UTAH POWER & LIGHT/AMERICAN BARREL CO.
600 W SOUTH TEMPLE
SALT LAKE CITY, UT 84104

Database(s)

EDR ID Number
EPA ID Number

CERCLIS 1000238438
FINDS UTD980667240
NPL
ROD

CERCLIS Classification Data:

Site Incident Category: Non-Oil Spill

Federal Facility: Not a Federal Facility

Non NPL Status: Not reported

Ownership Status: Private

NPL Status: Currently on the Final NPL

Contact: Armando Saenz

Contact Tel: (303) 312-6559

Contact Title: Not reported

Contact: Rebecca Thomas

Contact Tel: (303) 312-6552

Contact Title: Not reported

Site Description: HAZARDOUS MATERIAL STORED: EMPTY BARRELS THAT AT ONE TIME CONTAINED MALATHION, SODIUM CHROMATE, TRICHLOROETHANE, VARIOUS DEGREASERS & SOLVENTS. BEGAN OPERATION ON UNKNOWN DATE AS BARREL STORAGE, RECYCLING, RECONDITIONING FACILITY.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	01/01/1981
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1981
Assessment:	SITE INSPECTION	Completed:	05/10/1982
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/09/1987
Assessment:	SITE INSPECTION	Completed:	03/15/1988
Assessment:	SITE INSPECTION	Completed:	06/01/1988
Assessment:	ADMIN ORDER ON CONSENT	Completed:	07/08/1988
Assessment:	ADMINISTRATIVE RECORDS	Completed:	07/10/1988
Assessment:	PRP REMOVAL	Completed:	08/10/1988
Assessment:	PROPOSAL TO NPL	Completed:	05/05/1989
Assessment:	FINAL LISTING ON NPL	Completed:	10/04/1989
Assessment:	RI/FS NEGOTIATIONS	Completed:	08/10/1990
Assessment:	ADMIN ORDER ON CONSENT	Completed:	08/10/1990
Assessment:	REMOVAL ASSESSMENT	Completed:	08/30/1990
Assessment:	NPL RP SEARCH	Completed:	01/03/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	06/17/1991
Assessment:	ECOLOGICAL RISK ASSESSMENT	Completed:	05/08/1992
Assessment:	HUMAN HEALTH RISK ASSESSMENT	Completed:	05/08/1992
Assessment:	PRE-REM/REM AERIAL SURVEY	Completed:	05/01/1993
Assessment:	TREATABILITY STUDY	Completed:	05/18/1993
Assessment:	RECORD OF DECISION	Completed:	07/07/1993
Assessment:	ADMINISTRATIVE RECORDS	Completed:	07/07/1993
Assessment:	PRP RI/FS	Completed:	07/07/1993
Assessment:	REMOVAL ASSESSMENT	Completed:	09/02/1993
Assessment:	RD/RA NEGOTIATIONS	Completed:	07/23/1994
Assessment:	Lodged By DOJ	Completed:	12/02/1994
Assessment:	PRP RD	Completed:	04/25/1995
Assessment:	CONSENT DECREE	Completed:	04/26/1995
Assessment:	PRP RD	Completed:	04/01/1996
Assessment:	COMMUNITY INVOLVEMENT	Completed:	07/30/1996
Assessment:	PRP RA	Completed:	09/30/1996
Assessment:	PRP RA	Completed:	09/30/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	09/30/1999
Assessment:	MANAGEMENT ASSISTANCE	Completed:	09/30/1999
Assessment:	PREPARATION OF COST DOCM PKGE	Completed:	03/27/2000
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	09/26/2001

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

AMERICAN BARREL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UTAH POWER & LIGHT/AMERICAN BARREL CO. (Continued)

1000238438

UTAH POWER & LIGHT/AMERICAN BARREL CO
UTAH POWER & LIGHT/AMERICAN BARREL CO.

NPL:

EPA ID: UTD980667240
Region: 08
Federal: General
Final Date: 10/04/1989

NPL Contaminant:

NPL Status: Final
Substance Id: C385
Case Num: 129-00-0
Substance : PYRENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C545
Case Num: 85-01-8
Substance : PHENANTHRENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U050
Case Num: 218-01-9
Substance : CHRYSENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U120
Case Num: 206-44-0
Substance : BENZO(J,K)FLUORENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: Z999

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UTAH POWER & LIGHT/AMERICAN BARREL CO. (Continued)

1000238438

Case Num: Not reported
Substance : MORE THAN 15 SUBSTANCES LISTED
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C113
Case Num: 100-42-5
Substance : STYRENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C352
Case Num: 83-32-9
Substance : ACENAPHTHYLENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C613
Case Num: 106-44-5
Substance : METHYL PHENOL, 4-
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C636
Case Num: Not reported
Substance : METHYLNAPHTHALENE, 2-
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: C643

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UTAH POWER & LIGHT/AMERICAN BARREL CO. (Continued)

1000238438

Case Num: 95-48-7
Substance : METHYL PHENOL, 2-
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U019
Case Num: 71-43-2
Substance : BENZENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U022
Case Num: 50-32-8
Substance : BENZO(A)PYRENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Toxicity
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U101
Case Num: 105-67-9
Substance : DIMETHYLPHENOL
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U220
Case Num: 108-88-3
Substance : TOLUENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U239

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UTAH POWER & LIGHT/AMERICAN BARREL CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000238438

Case Num: 1330-20-7
Substance : XYLENE
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Site:
CERCLIS Id: UTD980667240
Site City: Salt Lake City
Site State: UT
NPL Status: Final
Status Date: 10/04/89
Federal Site: Not reported
HRS Score: 37.93
GW Score: 65.62
SW Score: 0.00
Air Score: 0.00
Soil Score: 0.00
DC Score: 0.00
FE Score: 0.00

NPL Char:

NPL Status: Final
Category Description: DEPTH TO AQUIFER
Category Value: 14

NPL Status: Final
Category Description: DISTANCE TO THE NEAREST POPULATION
Category Value: 225

NPL Status: Final
Category Description: OBSERVED RELEASE-Direct Contact
Category Value: Not reported

NPL Status: Final
Category Description: OBSERVED RELEASE-Ground Water
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Commercial
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Industrial Process Cooling
Category Value: Not reported

NPL Status: Final
Category Description: PERMIT-None
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Solid
Category Value: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

UTAH POWER & LIGHT/AMERICAN BARREL CO. (Continued)

1000238438

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Drum Recycling
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Recyclers
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Waste Disposal Svcs
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Wood Preserving
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Lumber/Wood
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Intermittent Stream
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-River
Category Value: Not reported

NPL SITE STATUS:

NPL Status: Final
Proposed Date: 05/05/1989
Final Date: 10/04/1989
Deleted Date: Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)
Utah Common Identifier Mechanism (UT-CIM)

1
WSW
< 1/8
85 ft.

GATEWAY BLOCK B 1
100 SOUTH 400 WEST
SALT LAKE CITY, UT 84101

UST U003790451
AST N/A

Relative:
Lower

UST:

Facility ID: 4002288
Total Tanks: 1
Closed Tanks: 0
Owner: THE BOYER COMPANY
Owner Address: SALT LAKE CITY, UT 84102
Owner Phone: (801) 521-4781

Actual:
4258 ft.

AST:

Facility Id : 4002288
Owner Name : THE BOYER COMPANY
Tank Id : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GATEWAY BLOCK B 1 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003790451

Tank Status : Currently In Use
Tank Capacity : 250
Substance Stored : Diesel

Facility Id : 4002288
Owner Name : THE BOYER COMPANY
Tank Id : 3
Tank Status : Currently In Use
Tank Capacity : 500
Substance Stored : Diesel

2
NE
< 1/8
203 ft.

VERMICULITE INTERMOUNTAIN
333 WEST 100 SOUTH
SALT LAKE CITY, UT 84101

CERCLIS 1006426271
UTN000802119

Relative:
Higher

CERCLIS Classification Data:

Site Incident Category: Not reported
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
Ownership Status: Not reported
Site Description: Received vermiculite from the Libby Mine which was contaminated with asbestos.
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

Actual:
4265 ft.

A3
NW
< 1/8
235 ft.

ARTISTIC PRINTING COMPANY
377 WEST 100 SOUTH
SALT LAKE CITY, UT 84101

RCRIS-SQG 1001031349
FINDS UTR000000661

Relative:
Lower

Site 1 of 2 in cluster A

RCRIS:

Owner: BILL BENG TZEN
(801) 943-0246
EPA ID: UTR000000661
Contact: RICHARD BENG TZEN
(801) 532-5363

Actual:
4258 ft.

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Utah Common Identifier Mechanism (UT-CIM)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

A4
NW
< 1/8
331 ft.

GAS STATION
75 S 400 W
SALT LAKE CITY, UT 84101

UST **U003149720**
LUST **N/A**

Site 2 of 2 in cluster A

Relative:
Lower

LUST:

Actual:
4256 ft.

Facility ID: 4001068
Closed Date: 08/07/1996
Project Manager: [Rocky Stonestreet]
Owner: FIMSA INC
Owner Address: 650 N SAM HOUSTON PARKWAY EAST STE 200
HOUSTON, TX 77060

Leak ID: GBN
Notification Date: 08/30/1990

UST:

Facility ID: 4001068
Total Tanks: 3
Closed Tanks: 3
Owner: FIMSA INC
Owner Address: HOUSTON, TX 77060
Owner Phone: (713) 447-1200

5
ENE
< 1/8
420 ft.

SE CORNER
100 S 300 W S E C
SALT LAKE CITY, UT 84101

UST **U003149715**
LUST **N/A**

Relative:
Higher

LUST:

Actual:
4269 ft.

Facility ID: 4001900
Closed Date: 08/15/1997
Project Manager: Dale Urban
Owner: RICHARD MOOREHOUSE
Owner Address: 928 AMELIA COURT C/O MOOREHOUSE-PEDRONCELLI
WINDSOR, CA 95492

Leak ID: HWK
Notification Date: 10/30/1992

UST:

Facility ID: 4001900
Total Tanks: 3
Closed Tanks: 3
Owner: RICHARD MOOREHOUSE
Owner Address: WINDSOR, CA 95492
Owner Phone: Not reported

6
West
< 1/8
463 ft.

PARKER ABBOTT TRANSFER & STORAGE INC
450 WEST 100 SOUTH
SALT LAKE CITY, UT 84101

RCRIS-SQG **1000269334**
FINDS **UTD008865669**

Relative:
Lower

RCRIS:

Actual:
4252 ft.

Owner: PARKER ABBOTT TRANSFER & STORAGE INC
(999) 999-9999
EPA ID: UTD008865669
Contact: JAMES PARKER
(801) 363-9269

Classification: Handler transports wastes, but commercial status is unknown, Small Quantity
Generator

Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

PARKER ABBOTT TRANSFER & STORAGE INC (Continued)

1000269334

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

7
SE
< 1/8
550 ft.

DIXON BUILDING
159 W 300 S
SALT LAKE CITY, UT 84111

UST **U003229680**
N/A

Relative:
Higher

UST:

Facility ID: 4002186

Total Tanks: 2

Closed Tanks: 2

Owner: WESTSIDE DIXON ASSOCIATES LLC

Owner Address: SALT LAKE CITY, UT 84111

Owner Phone: 8013223120

Actual:
4265 ft.

8
NW
1/8-1/4
668 ft.

JAZZ ARENA PARKING SITE
CITY BLOCK 84
SALT LAKE CITY, UT 84101

LUST **S102422973**
N/A

Relative:
Lower

LUST:

Facility ID: 4001633

Closed Date: 03/23/1992

Project Manager: Paul Zahn

Owner: JERRY MILLER

Owner Address: CITY BLOCK 84
SALT LAKE CITY, UT 84104

Leak ID: FWE
Notification Date: 06/25/1990

Actual:
4254 ft.

9
SE
1/8-1/4
682 ft.

SPECIALIZED RAIL SERVICE INC.
180 SOUTH 300 WEST STE 237
SALT LAKE CITY, UT 84101

RCRIS-SQG **1001233859**
FINDS **UTR000004523**

Relative:
Equal

RCRIS:

Owner: JEFFREY ARMSTRONG
(801) 359-0374

EPA ID: UTR000004523

Contact: BELINDA PRUSSE
(801) 359-0374

Actual:
4260 ft.

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SPECIALIZED RAIL SERVICE INC. (Continued)

1001233859

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

10
NE
1/8-1/4
684 ft.

BOISE CASCADE DISTRIBUTION
53 S 300 W
SALT LAKE CITY, UT 84101

UST U003149764
LUST N/A

Relative:
Higher

LUST:

Facility ID: 4001936
Closed Date: 01/11/1994
Project Manager: [Rocky Stonestreet]
Owner: ZIONS 1ST NATIONAL BANK
Owner Address: 1 S MAIN P O BOX 30880
SALT LAKE CITY, UT 84130

Leak ID: IDD
Notification Date: 06/10/1993

Actual:
4275 ft.

UST:

Facility ID: 4001936
Total Tanks: 1
Closed Tanks: 1
Owner: ZIONS 1ST NATIONAL BANK
Owner Address: SALT LAKE CITY, UT 84130
Owner Phone: (801) 524-4804

11
West
1/8-1/4
712 ft.

DECORATING INC. (LEASEE)
106 S 500 W
SALT LAKE CITY, UT 84101

UST U003167766
N/A

Relative:
Lower

UST:

Facility ID: 4002149
Total Tanks: 1
Closed Tanks: 1
Owner: TOMAHAWK PROPERTIES LLC
Owner Address: SALT LAKE CITY, UT 84103
Owner Phone: (801) 364-1254

B12
SSE
1/8-1/4
773 ft.

200 SOUTH 300 WEST PLUME
200 SOUTH 300 WEST
SALT LAKE CITY, UT 84101

CERCLIS 1001814577
FINDS UT0008969562

Site 1 of 3 in cluster B

Relative:
Lower

CERCLIS Classification Data:

Site Incident Category: Not reported

Federal Facility: Not a Federal Facility

Actual:
4259 ft.

Non NPL Status: SI Ongoing

Ownership Status: Mixed Ownership

NPL Status: Not on the NPL

Contact: Luke Chavez

Contact Tel: (303) 312-6512

Contact Title: Not reported

Site Description: THE PLUME WAS DETECTED IN 1997 IN A MONITORING WELL CONSTRUCTED AS PART OF A PHASE II ENVIRONMENTAL PROPERTY ASSESSMENT. PCE WAS DETECTED AT 130 PPB IN ONE MONITORING WELL AND AT 20 AND 5 PPB IN TWO OTHER MONITORING WELLS.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

200 SOUTH 300 WEST PLUME (Continued)

1001814577

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 09/28/1999
Completed: 02/07/2000

CERCLIS Site Status:

Low

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Facility Registry System (FRS)

Utah Common Identifier Mechanism (UT-CIM)

B13
SSE
1/8-1/4
788 ft.

FORMER AAMCO TRANSMISSION SHOP
202 W 300 S
SALT LAKE CITY, UT 84101

UST U003885935
N/A

Site 2 of 3 in cluster B

Relative:
Lower

UST:

Facility ID: 4002332
Total Tanks: 1
Closed Tanks: 1
Owner: GADDIS INVESTMENTS
Owner Address: SALT LAKE CITY, UT 84106
Owner Phone: Not reported

Actual:
4259 ft.

B14
SSE
1/8-1/4
788 ft.

AAMCO TRANSMISSION
202 WEST 300 SOUTH
SALT LAKE CITY, UT 84101

RCRIS-SQG 1000176798
FINDS UTD035362763

Site 3 of 3 in cluster B

Relative:
Lower

RCRIS:

Owner: AAMCO TRANSMISSION
(801) 364-6466
EPA ID: UTD035362763
Contact: LARRY ASHEROFT
(801) 364-6466

Actual:
4259 ft.

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/05/1989
Actual Date Achieved Compliance: 12/05/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/10/1989
Penalty Type: Not reported
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/10/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/05/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AAMCO TRANSMISSION (Continued)

1000176798

Actual Date Achieved Compliance: 12/05/1989

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19891205
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19891205

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

15
SSE
1/8-1/4
906 ft.

ALMOS CLEANERS
218 WEST 300 SOUTH
SALT LAKE CITY, UT 84101

RCRIS-LQG 1000342104
FINDS UTD981541097

Relative:
Lower

RCRIS:

Owner: WANDA ALGER
(999) 999-9999

Actual:
4259 ft.

EPA ID: UTD981541097

Contact: CHESNUT KAY

Classification: Large Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

16
SE
1/8-1/4
914 ft.

UNKNOWN
179 W 300 S
SALT LAKE CITY, UT 84116

UST U003800286
N/A

Relative:
Higher

UST:

Facility ID: 4002300

Total Tanks: 1

Closed Tanks: 1

Actual:
4264 ft.

Owner: IN & OUT CORPORATION

Owner Address: SALT LAKE CITY, UT 84111

Owner Phone: (801) 364-2661

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
17	NNW	1/8-1/4	986 ft.		UNION PACIFIC RAILROAD COMPANY 400 WEST SOUTH TEMPLE SALT LAKE CITY, UT 84101	RCRIS-SQG FINDS	1000337502 UTD047111935	
Relative: Lower					RCRIS: Owner: UNION PACIFIC RAILROAD COMPANY (999) 999-9999 EPA ID: UTD047111935 Contact: L TIERNEY (402) 271-4400 Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found			
Actual: 4252 ft.								
FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)								
18	SW	1/8-1/4	993 ft.		UTE CAB CO. 456 W 200 S SALT LAKE CITY, UT 84101	UST	U003149780 N/A	
Relative: Lower					UST: Facility ID: 4001136 Total Tanks: 2 Closed Tanks: 2 Owner: UTE CAB CO Owner Address: SALT LAKE CITY, UT 84101 Owner Phone: (801) 359-7788			
Actual: 4249 ft.								
19	South	1/8-1/4	1102 ft.		ARTSPACE, INC. 325 W PIERPONT AVE SALT LAKE CITY, UT 84101	RCRIS-SQG FINDS	1000385610 UTD980954788	
Relative: Lower					RCRIS: Owner: LINDA GOLDGERG ET. AL (801) 531-9378 EPA ID: UTD980954788 Contact: A STEPHEN (801) 531-9378 Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported			
Actual: 4253 ft.								

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARTSPACE, INC. (Continued)

1000385610

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

20
NNE
1/8-1/4
1110 ft.

TEXACO (OLD)CHEVRON #7-0464
279 W SOUTH TEMPLE
SALT LAKE CITY, UT 84101

UST U003149796
N/A

Relative:
Higher

UST:

Facility ID: 4000210

Total Tanks: 4

Closed Tanks: 4

Owner: EMMETT S HEINRICH

Owner Address: SALT LAKE CITY, UT 84124

Owner Phone: (801) 531-8953

Actual:
4280 ft.

21
SW
1/8-1/4
1145 ft.

WELLS FARGO ARMORED SERVICE
220 S RIO GRANDE ST
SALT LAKE CITY, UT 84110

UST U003150123
N/A

Relative:
Lower

UST:

Facility ID: 4001245

Total Tanks: 1

Closed Tanks: 1

Owner: LOOMIS FARGO & CO

Owner Address: DALLAS, TX 75356

Owner Phone: (214) 638-3909

Actual:
4246 ft.

22
East
1/8-1/4
1218 ft.

MULTI-ETHNIC SENIOR CITIZEN HIGHRISE
120 S 200 W
SALT LAKE CITY, UT 84101

UST U003149771
N/A

Relative:
Higher

UST:

Facility ID: 4000630

Total Tanks: 2

Closed Tanks: 2

Owner: MULTI ETHNIC HOUSING CORPORATION

Owner Address: SALT LAKE CITY, UT 84101

Owner Phone: (801) 328-2090

Actual:
4278 ft.

C23
SE
1/8-1/4
1277 ft.

EXPO MART SALT LAKE
230 W 200 S STE 2115
SALT LAKE CITY, UT 84101

UST U003149773
N/A

Relative:
Higher

Site 1 of 2 in cluster C

Actual:
4268 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EXPO MART SALT LAKE (Continued)

U003149773

UST:

Facility ID: 4001507
Total Tanks: 2
Closed Tanks: 1
Owner: ROYAL WOOD ASSOC DBA EXPO MART SALT LAKE
Owner Address: SALT LAKE CITY, UT 84101
Owner Phone: (801) 531-6699

24
SW
1/8-1/4
1299 ft.

ST VINCIENT DE PAUL
245 S RIO GRANDE STREET
SALT LAKE CITY, UT 84101

UST U003149765
N/A

Relative:
Lower

UST:

Facility ID: 4001994
Total Tanks: 1
Closed Tanks: 1
Owner: CATHOLIC COMMUNITY SERVICES
Owner Address: SALT LAKE CITY, UT 84104
Owner Phone: (801) 977-9119

Actual:
4248 ft.

C25
SE
1/8-1/4
1320 ft.

DOWNTOWN SELF STORAGE
255 W 200 S
SALT LAKE CITY, UT 84101

UST U003733134
LUST N/A

Relative:
Higher

Site 2 of 2 in cluster C

LUST:

Facility ID: 4000256
Closed Date: 06/08/2001
Project Manager: Morgan Atkinson
Owner: ELLIOTT WOLFE
Owner Address: 29 W 8TH S
SALT LAKE CITY, UT 84101

Leak ID: LFG
Notification Date: 06/01/2000

Actual:
4268 ft.

UST:

Facility ID: 4000256
Total Tanks: 2
Closed Tanks: 2
Owner: ELLIOTT WOLFE
Owner Address: SALT LAKE CITY, UT 84101
Owner Phone: (801) 521-0555

26
SW
1/4-1/2
1560 ft.

BEEHIVE BRICK CO.
244 S 500 W
SALT LAKE CITY, UT 84101

UST U003149724
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4000066
Closed Date: 08/18/1994
Project Manager: [Rocky Stonestreet]
Owner: CLIFTON M BROWNING FAMILY
Owner Address: 635 S 750 E
BOUNTIFUL, UT 84010

Leak ID: HEV
Notification Date: 11/15/1991

Actual:
4242 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BEEHIVE BRICK CO. (Continued)

U003149724

UST:

Facility ID: 4000066
Total Tanks: 2
Closed Tanks: 2
Owner: CLIFTON M BROWNING FAMILY
Owner Address: BOUNTIFUL, UT 84010
Owner Phone: (801) 295-0508

27
SSE
1/4-1/2
1571 ft.

FIRESTONE DEALER STORE
308 W 300 S
SALT LAKE CITY, UT 84101

UST U003167762
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4000296
Closed Date: 12/19/1996
Project Manager: [Evan Sullivan]
Owner: BAILEY SERVICE & SUPPLY
Owner Address: 177 ALTA ST
SALT LAKE CITY, UT 84103

Leak ID: JVK
Notification Date: 11/26/1996

Actual:
4246 ft.

UST:

Facility ID: 4000296
Total Tanks: 4
Closed Tanks: 4
Owner: BAILEY SERVICE & SUPPLY
Owner Address: SALT LAKE CITY, UT 84103
Owner Phone: Not reported

28
North
1/4-1/2
1715 ft.

SALT LAKE HARDWARE BUILDING
105 N 400 W
SALT LAKE CITY, UT 84116

UST U003150419
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4001689
Closed Date: 05/12/1994
Project Manager: [Rocky Stonestreet]
Owner: JOHN W WILLIAMS
Owner Address: 48 POST OFFICE PLACE
SALT LAKE CITY, UT 84101

Leak ID: GRF
Notification Date: 04/22/1991

Actual:
4255 ft.

UST:

Facility ID: 4001689
Total Tanks: 9
Closed Tanks: 9
Owner: JOHN W WILLIAMS
Owner Address: SALT LAKE CITY, UT 84101
Owner Phone: (801) 322-2020

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

29 MYERS CONTAINER CORP
West 49 SOUTH 600 WEST
1/4-1/2 SALT LAKE CITY, UT 84101
1751 ft.

Database(s) EDR ID Number
RCRIS-LQG 1000369022
FINDS UTD035348325
CORRACTS

Relative:
Lower

CORRACTS Data:

Actual:
4242 ft.

EPA Id: UTD035348325
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA725YE - Current Human Exposures Under Control , Yes, Current Human Exposures Under Control has been verified

EPA Id: UTD035348325
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 05/15/1985
Actual Date: Not reported
Corrective Action: CA050 - RFA Completed

EPA Id: UTD035348325
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

EPA Id: UTD035348325
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/01/2000
Actual Date: Not reported
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

EPA Id: UTD035348325
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA750YE - Migration of Contaminated Groundwater under Control , Yes, Migration of Contaminated Groundwater Under Control has been verified

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MYERS CONTAINER CORP (Continued)

1000369022

The CORRACTS database contains 2 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event Date: 09/01/2000

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 09/04/1997

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event Date: 09/16/1996

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 09/16/1996

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 09/16/1996

Event: RFA Completed

Event Date: 05/15/1985

Event: RFI Imposition

Event Date: 03/15/1985

RCRIS:

Owner: MR. ED EISEM
(801) 581-1905

EPA ID: UTD035348325

Contact: JOHN MAUSSHARDT
(801) 322-3529

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MYERS CONTAINER CORP (Continued)

1000369022

Violation Status: Violations exist

Regulation Violated: R450-5-1
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/19/1991
Actual Date Achieved Compliance: 01/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/19/1991
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/05/1993
Penalty Type: Final Monetary Penalty

Regulation Violated: R450-5-1
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 12/19/1991
Actual Date Achieved Compliance: 01/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/19/1991
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/05/1993
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/03/1990
Actual Date Achieved Compliance: 08/13/1990

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/03/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/12/1984
Actual Date Achieved Compliance: 03/15/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/07/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/07/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/15/1985
Penalty Type: Final Monetary Penalty

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920130
	GENERATOR-LAND BAN REQUIREMENTS	19920130
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920130
	GENERATOR-LAND BAN REQUIREMENTS	19920130
Other Evaluation	GENERATOR-GENERAL REQUIREMENTS	19900813
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19850315

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MYERS CONTAINER CORP (Continued)

1000369022

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

30
SSE
1/4-1/2
1781 ft.

SALT LAKE CITY CORP
350 S 200 W
SALT LAKE CITY, UT 84101

UST U003149721
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4001813

Leak ID: GZP

Closed Date: 02/14/1995

Notification Date: 07/26/1991

Actual:
4252 ft.

Project Manager: [Kate Johnson]

Owner: SALT LAKE REDEVELOPMENT TURPINE

Owner Address: 285 W NORTH TEMPLE STE 200
SALT LAKE CITY, UT 84103

UST:

Facility ID: 4001813

Total Tanks: 1

Closed Tanks: 1

Owner: SALT LAKE REDEVELOPMENT TURPINE

Owner Address: SALT LAKE CITY, UT 84103

Owner Phone: (801) 328-3211

31
ENE
1/4-1/2
1792 ft.

GREYHOUND LINES, INC. #8510
160 W SOUTH TEMPLE
SALT LAKE CITY, UT 84101

UST U003149778
LUST N/A
AST

Relative:
Higher

LUST:

Facility ID: 4000355

Leak ID: FPJ

Closed Date: 06/08/1990

Notification Date: 03/16/1990

Actual:
4300 ft.

Project Manager: Paul Zahn

Owner: GREYHOUND LINES INC

Owner Address: ATTN ENVIRONMENTAL DEPT P O BOX 660362
DALLAS, TX 75266

Facility ID: 4000355

Leak ID: GUV

Closed Date: 04/20/1993

Notification Date: 05/30/1991

Project Manager: Paul Zahn

Owner: GREYHOUND LINES INC

Owner Address: ATTN ENVIRONMENTAL DEPT P O BOX 660362
DALLAS, TX 75266

UST:

Facility ID: 4000355

Total Tanks: 6

Closed Tanks: 4

Owner: GREYHOUND LINES INC

Owner Address: DALLAS, TX 75266

Owner Phone: (214) 849-8411

AST:

Facility Id : 4000355

Owner Name : GREYHOUND LINES INC

Tank Id : 7

Tank Status : Currently In Use

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREYHOUND LINES, INC. #8510 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003149778

Tank Capacity : 1000
Substance Stored : Used Oil

32
East
1/4-1/2
2020 ft.

SALT PALACE
100 S WEST TEMPLE
SALT LAKE CITY, UT 84101

LUST 1001187639
UST N/A

Relative:
Higher

LUST:

Facility ID: 4000892
Closed Date: 01/25/1995
Project Manager: [Kate Johnson]
Owner: SALT LAKE COUNTY
Owner Address: 7125 S 600 W P O BOX 308
MIDVALE, UT 84047

Leak ID: IJU
Notification Date: 12/06/1993

Actual:
4287 ft.

Facility ID: 4000892
Closed Date: 04/18/1995
Project Manager: Victor Scherer
Owner: SALT LAKE COUNTY
Owner Address: 7125 S 600 W P O BOX 308
MIDVALE, UT 84047

Leak ID: ITR
Notification Date: 11/18/1994

UST:

Facility ID: 4000892
Total Tanks: 8
Closed Tanks: 6
Owner: SALT LAKE COUNTY
Owner Address: MIDVALE, UT 84047
Owner Phone: (801) 562-6446

33
NNE
1/4-1/2
2053 ft.

S.L. SCHOOL MAINTENANCE SHOPS
143 N 300 W
SALT LAKE CITY, UT 84103

UST U003149837
LUST N/A

Relative:
Higher

LUST:

Facility ID: 4000864
Closed Date: 04/07/1995
Project Manager: Dale Urban
Owner: SALT LAKE CITY SCHOOL DISTRICT
Owner Address: ATTN KAY POPE 440 E 100 S
SALT LAKE CITY, UT 84111

Leak ID: HBG
Notification Date: 08/28/1991

Actual:
4272 ft.

UST:

Facility ID: 4000864
Total Tanks: 3
Closed Tanks: 2
Owner: SALT LAKE CITY SCHOOL DISTRICT
Owner Address: SALT LAKE CITY, UT 84111
Owner Phone: (801) 578-8260

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

34 MAVERIK #327 / OLD CIRCLE K #8601
NE 206 W NORTH TEMPLE
1/4-1/2 SALT LAKE CITY, UT 84103
2085 ft.

UST U003149791
LUST N/A

Relative: LUST:
Higher Facility ID: 4000674 Leak ID: LKN
Closed Date: 09/18/2001 Notification Date: 06/28/2001
Actual: Project Manager: Mike Pecorelli
4292 ft. Owner: MAVERIK COUNTRY STORES INC
Owner Address: 880 W CENTER STREET
NORTH SALT LAKE, UT 84054

UST:
Facility ID: 4000674
Total Tanks: 3
Closed Tanks: 0
Owner: MAVERIK COUNTRY STORES INC
Owner Address: NORTH SALT LAKE, UT 84054
Owner Phone: (801) 936-5557

35 UTA - CENTRAL DIVISION
WSW 610 W 200 S
1/4-1/2 SALT LAKE CITY, UT 84104
2099 ft.

UST U003149964
LUST N/A

Relative: LUST:
Lower Facility ID: 4001132 Leak ID: FPD
Closed Date: 01/03/1996 Notification Date: 03/21/1990
Actual: Project Manager: Mark Crim
4236 ft. Owner: UTAH TRANSIT AUTHORITY
Owner Address: ATTN: ENVIRONMENTAL ADMINISTRATOR 3600 S 700 W
SALT LAKE CITY, UT 84119

Facility ID: 4001132 Leak ID: LIE
Closed Date: 02/04/2002 Notification Date: 12/06/2000
Project Manager: Morgan Atkinson
Owner: UTAH TRANSIT AUTHORITY
Owner Address: ATTN: ENVIRONMENTAL ADMINISTRATOR 3600 S 700 W
SALT LAKE CITY, UT 84119

UST:
Facility ID: 4001132
Total Tanks: 15
Closed Tanks: 8
Owner: UTAH TRANSIT AUTHORITY
Owner Address: SALT LAKE CITY, UT 84119
Owner Phone: (801) 262-5626

36 SALT LAKE CITY GAS CO.
NW N. 5TH ST. WEST, NORTH OF S. TEMPLE
1/4-1/2 SALT LAKE CITY, UT 84116
2112 ft.

Coal Gas G000001841
N/A

Relative: COAL GAS SITE DESCRIPTION:
Lower 1899, Union Light & Power Co., 1906 Utah Light & Railway Co, 1910 Utah Gas & Cok Utah Light &
Railway Gas Plant is located on the west side of North 5th West St., just north of West S.
Actual: Temple. Railroad lines run diagonally through the site.
4239 ft.

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Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SALT LAKE CITY GAS CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

G000001841

37
SSE
1/4-1/2
2124 ft.

PIONEER PARK PHILLIPS 66
379 S 300 W
SALT LAKE CITY, UT 84101

UST U003149781
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4001552
Closed Date: 05/04/1995
Project Manager: Dale Urban
Owner: CELTIC INVESTMENTS INC.
Owner Address: 340 E 400 S
SALT LAKE CITY, UT 84111

Leak ID: IWD
Notification Date: 01/13/1995

Actual:
4240 ft.

UST:

Facility ID: 4001552
Total Tanks: 5
Closed Tanks: 3
Owner: CELTIC INVESTMENTS INC.
Owner Address: SALT LAKE CITY, UT 84111
Owner Phone: (801) 363-6500

38
SSW
1/4-1/2
2207 ft.

TRAILWAYS BUS SYSTEMS, INC.
346 S 500 W
SALT LAKE CITY, UT 84101

UST U003149741
LUST N/A

Relative:
Lower

LUST:

Facility ID: 4001065
Closed Date: 05/08/2002
Project Manager: Dale Urban
Owner: SALT LAKE MATTRESS
Owner Address: 336 S 500 W
SALT LAKE CITY, UT 84101

Leak ID: LNQ
Notification Date: 03/14/2002

Actual:
4233 ft.

UST:

Facility ID: 4001065
Total Tanks: 4
Closed Tanks: 4
Owner: SALT LAKE MATTRESS
Owner Address: SALT LAKE CITY, UT 84101
Owner Phone: (801) 363-3878

39
ENE
1/4-1/2
2219 ft.

OLD CONTINENTAL BUS DEPOT
98 W SOUTH TEMPLE
SALT LAKE CITY, UT 84111

UST U003150160
LUST N/A

Relative:
Higher

LUST:

Facility ID: 4001500
Closed Date: 12/11/1990
Project Manager: [Alex Pashley]
Owner: HOTEL TEMPLE SQUARE CORPORATION
Owner Address: 330 S 3RD ST
SALT LAKE CITY, UT 84111

Leak ID: FES
Notification Date: 05/24/1989

Actual:
4311 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

OLD CONTINENTAL BUS DEPOT (Continued)

U003150160

UST:

Facility ID: 4001500
Total Tanks: 4
Closed Tanks: 4
Owner: HOTEL TEMPLE SQUARE CORPORATION
Owner Address: SALT LAKE CITY, UT 84111
Owner Phone: Not reported

40
NE
1/4-1/2
2258 ft.

RAINBO #12
163 W NORTH TEMPLE
SALT LAKE CITY, UT 84114

UST U003150196
LUST N/A

Relative:
Higher

LUST:

Facility ID: 4000772
Closed Date: 06/24/1996
Project Manager: DeAnn Rasmussen
Owner: BP PRODUCTS NORTH AMERICA DBA RAINBO OIL
Owner Address: KRIS BEYER 28100 TORCH PARKWAY, STE 300
WARRENVILLE, IL 60555

Leak ID: JAS
Notification Date: 07/27/1995

Actual:
4300 ft.

Facility ID: 4000772
Closed Date: 06/24/1996
Project Manager: DeAnn Rasmussen
Owner: BP PRODUCTS NORTH AMERICA DBA RAINBO OIL
Owner Address: KRIS BEYER 28100 TORCH PARKWAY, STE 300
WARRENVILLE, IL 60555

Leak ID: JLO
Notification Date: 04/24/1996

UST:

Facility ID: 4000772
Total Tanks: 4
Closed Tanks: 4
Owner: BP PRODUCTS NORTH AMERICA DBA RAINBO OIL
Owner Address: WARRENVILLE, IL 60555
Owner Phone: (630) 836-6066

41
ESE
1/4-1/2
2304 ft.

RED LION/SALT LAKE
255 SOUTH. WEST TEMPLE
SALT LAKE CITY, UT 84101

RCRIS-SQG 1000122324
FINDS UTD982647406
UST
LUST

Relative:
Higher

RCRIS:

Owner: RED LION INNS
(999) 999-9999
EPA ID: UTD982647406
Contact: JOSEPH SZATAN
(801) 328-7023
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Actual:
4271 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RED LION/SALT LAKE (Continued)

1000122324

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 4002043 Leak ID: JPP
Closed Date: 05/11/1998 Notification Date: 07/18/1996
Project Manager: DeAnn Rasmussen
Owner: RED LION HOTELS & INNS
Owner Address: ATTN WAYNE PIPES 4001 MAIN ST
VANCOUVER, WA 98663

UST:

Facility ID: 4002043
Total Tanks: 1
Closed Tanks: 1
Owner: RED LION HOTELS & INNS
Owner Address: VANCOUVER, WA 98663
Owner Phone: (360) 696-0001

42
South
1/4-1/2
2315 ft.

A & Z PRODUCE CO
380 W 500 S
SALT LAKE CITY, UT 84110

UST U003150128
LUST N/A

Relative:
Lower

Actual:
4237 ft.

LUST:

Facility ID: 4000048 Leak ID: GEE
Closed Date: 07/03/1995 Notification Date: 10/30/1990
Project Manager: [Shelly Quick]
Owner: A & Z PRODUCE CO
Owner Address: 366 W 500 S P O BOX 1782
SALT LAKE CITY, UT 84110

Facility ID: 4000048 Leak ID: KSJ
Closed Date: / / Notification Date: 11/03/1998
Project Manager: DeAnn Rasmussen
Owner: A & Z PRODUCE CO
Owner Address: 366 W 500 S P O BOX 1782
SALT LAKE CITY, UT 84110

UST:

Facility ID: 4000048
Total Tanks: 4
Closed Tanks: 4
Owner: A & Z PRODUCE CO
Owner Address: SALT LAKE CITY, UT 84110
Owner Phone: (801) 359-2081

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

D43
South
1/4-1/2
2318 ft.

HILL'S SERVICE
404 S 300 W
SALT LAKE CITY, UT 84101

Database(s) EDR ID Number
EPA ID Number

UST U003149729
LUST N/A

Relative:
Lower

Actual:
4241 ft.

Site 1 of 2 in cluster D

LUST:

Facility ID: 4000372
Closed Date: 05/15/1995
Project Manager: Dale Urban
Owner: HILLS SERVICE
Owner Address: 404 S 300 W
SALT LAKE CITY, UT 84101

Leak ID: GEP
Notification Date: 10/04/1990

UST:

Facility ID: 4000372
Total Tanks: 4
Closed Tanks: 4
Owner: HILLS SERVICE
Owner Address: SALT LAKE CITY, UT 84101
Owner Phone: (801) 328-1829

D44
South
1/4-1/2
2396 ft.

FOTE'S SERVICE
413 S 300 W
SALT LAKE CITY, UT 84101

UST U003149753
LUST N/A

Relative:
Lower

Actual:
4239 ft.

Site 2 of 2 in cluster D

LUST:

Facility ID: 4001460
Closed Date: 09/18/1995
Project Manager: Dale Urban
Owner: AMOCO CORPORATION
Owner Address: 201 S MAIN STE 1800
SALT LAKE CITY, UT 84111

Leak ID: GAZ
Notification Date: 08/23/1990

UST:

Facility ID: 4001460
Total Tanks: 10
Closed Tanks: 10
Owner: AMOCO CORPORATION
Owner Address: SALT LAKE CITY, UT 84111
Owner Phone: Not reported

45
NW
1/4-1/2
2579 ft.

AMERICAN BARREL COMPANY
600 WEST NORTH TEMPLE
SALT LAKE CITY, UT 84101

RCRIS-LQG 1000360561
FINDS UTD000818211
CORRACTS

Relative:
Lower

Actual:
4234 ft.

CORRACTS Data:

EPA Id: UTD000818211
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/04/1997
Actual Date: Not reported
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMERICAN BARREL COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000360561

EPA Id: UTD000818211
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA750YE - Migration of Contaminated Groundwater under Control , Yes, Migration of Contaminated Groundwater Under Control has been verified

EPA Id: UTD000818211
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA725YE - Current Human Exposures Under Control , Yes, Current Human Exposures Under Control has been verified

EPA Id: UTD000818211
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

EPA Id: UTD000818211
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority , Corrective Action at the facility or area referred to CERCLA

The CORRACTS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event Date: 10/03/1997

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AMERICAN BARREL COMPANY (Continued)

1000360561

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 09/04/1997
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 09/16/1996
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date: 09/16/1996
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date: 09/16/1996
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: 09/16/1996

RCRIS:

Owner: EISEN EDWARD
(999) 999-9999
EPA ID: UTD000818211
Contact: SANDY ZACCARDI
(801) 322-3529

Classification: Handler transports wastes, but commercial status is unknown, Large Quantity Generator

Used Oil Recyc: No

TSDf Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/01/1986
Actual Date Achieved Compliance:	08/01/1987
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/27/1986
Actual Date Achieved Compliance:	05/27/1987

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870801
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870527

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMERICAN BARREL COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000360561

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

ICIS

Resource Conservation and Recovery Act Information system (RCRAINFO)

46
SSE
1/2-1
5136 ft.

MARK MILLER TOYOTA
84 WEST 700 SOUTH
SALT LAKE CITY, UT 84101

RCRIS-LQG
FINDS
CORRACTS

1000387553
UTD035388917

Relative:
Lower

CORRACTS Data:

Actual:
4239 ft.

EPA Id: UTD035388917
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA725NC - Current Human Exposures Under Control , Effective 2/5/1999 per revised program guidance: This code for -No control measures necessary- should no longer be used

EPA Id: UTD035388917
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

EPA Id: UTD035388917
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 10/03/1997
Actual Date: Not reported
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

EPA Id: UTD035388917
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/16/1996
Actual Date: Not reported
Corrective Action: CA750NR - Migration of Contaminated Groundwater under Control , Effective 2/5/1999 per revised program guidance: This code for No release to groundwater should no longer be used

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MARK MILLER TOYOTA (Continued)

1000387553

EPA Id: UTD035388917
Region: 8
State: UT
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 09/04/1997
Actual Date: Not reported
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 10/03/1997
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 09/04/1997
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 09/16/1996
Event: Current Human Exposures under Control, Effective 2/5/1999 per revised program guidance: This code for "No control measures necessary" should no longer be used. Previously entered NC status codes should be updated, but may remain in the database until they are replaced by more recent codes.
Event Date: 09/16/1996
Event: Ignition of Contaminated Groundwater under Control, Effective 2/5/1999 per revised program guidance: This code for "No release to groundwater" should no longer be used. Previously entered NR status codes should be updated, but may remain in the database until they are replaced by more recent codes.
Event Date: 09/16/1996

RCRIS:

Owner: MARK MILLER DEALERSHIPS
(801) 364-2100
EPA ID: UTD035388917
Contact: ROBERT CURTIS
(801) 328-2400

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MARK MILLER TOYOTA (Continued)

1000387553

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/23/1991
Actual Date Achieved Compliance:	05/23/1991
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	05/23/1991
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910523

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Utah Common Identifier Mechanism (UT-CIM)

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DUCHESNE COUNTY	1006301445	HANSEN WATER DISPOSAL FACILITY/ UT-99-47	S32, T1S R1W	84101	FINDS
DUCHESNE COUNTY	1006302063	BLEAZARD DISPOSAL FACILITY / UT-99-12	S30, T2S, R4W	84101	FINDS
SALT LAKE	1001121342	PETRO EXPRESS INC.	102 WEST 500 SOUTH	84101	RCRIS-SQG, FINDS
SALT LAKE CITY	1004788659	RED HANGER CLEANERS	536 SOUTH 200 WEST	84101	RCRIS-SQG, FINDS
SALT LAKE CITY	S105429881	PALLADIO APARTMENTS	330 SOUTH 200 WEST	84101	VCP
SALT LAKE CITY	S105429897	SALT LAKE CITY INTERMODAL HUB	600 WEST 200 SOUTH	84101	VCP
SALT LAKE CITY	1001230068	TENNECO PACKAGING	460 WEST 500 SOUTH	84101	RCRIS-SQG, FINDS
SALT LAKE CITY	U003150408	NORTH YARD	701 N 500 W	84116	UST, LUST
SALT LAKE CITY	S105429883	C.W. SILVER	550 / 552 WEST 700 SOUTH	84101	VCP
SALT LAKE CITY	1003877403	OLD SALT LAKE CITY FIRE STATION	2ND WEST 7TH SOUTH	84101	CERC-NFRAP
SALT LAKE CITY	1003109038	INTERMOUNTAIN INSULATION SLC PLANT	733 WEST 800 SOUTH	84104	CERCLIS
SALT LAKE CITY	S105223134	UNIVAR USA (FORMERLY VOPAK USA, INC. AND VAN WATER	650 WEST 800 SOUTH	84104	VCP, SPILLS
SALT LAKE CITY	1004788834	SEMI SERVICE INC	2265 SOUTH 830 WEST	84101	RCRIS-SQG, FINDS
SALT LAKE CITY	1005904109	900 S STREET DRUMS	1209 WEST 900 SOUTH STREET	84104	CERCLIS
SALT LAKE CITY	1004788702	CITY WELDING & RADIATOR WORKS	259 WEST 9TH SOUTH	84101	RCRIS-SQG, FINDS
SALT LAKE CITY	96480382	DETECTED OIL IN SLOUGH ADJ TO FACILITY / TRACED TO MUNICIPAL	DETECTED OIL IN SLOUGH ADJ TO FACILITY / TRACED TO MUNICIPAL		ERNS
SALT LAKE CITY	1004788739	PMT SERVICES	1810 SOUTH FORTUNE RD SUITE K	84101	RCRIS-SQG
SALT LAKE CITY	1005774010	VARIAN EIMAC MANUFACTURING FACILITY	1678 S PIONEER RD	84101	FINDS
SALT LAKE CITY	1000197937	NORTHWEST OIL DRAIN	ROSE PARK TO 1000 N	84116	CERCLIS, FINDS
SALT LAKE CITY	S105212073	INTERNATIONAL ARRIVAL BLDG	SLC INTERNATIONAL AIRPORT WEST END OF TERMINAL	84116	LUST, SPILLS
SALT LAKE CITY	1001814575	MANNING CANYON	5.8 MI UP THE MANNING CANYON ACCESS RD	84103	CERCLIS, FINDS
SALT LAKE CITY	1000877731	MYERS CONTAINER CORPORATION	450 FT W OF 700 NO & 400 W INT	84101	RCRIS-SQG, FINDS
TOOELE	984622860	CLIVE FACILITY/EXIT 49 OFF US 18>3MI SOUTH AND FACILITY IS O	CLIVE FACILITY/EXIT 49 OFF US 18>3MI SOUTH AND FACILITY IS O	84101	ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/30/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/05/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 05/09/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 04/30/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/05/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 05/05/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/19/03

Date Made Active at EDR: 04/08/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 03/24/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/19/03
Date Made Active at EDR: 04/08/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/24/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/31/03
Date Made Active at EDR: 05/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/07/03
Elapsed ASTM days: 31
Date of Last EDR Contact: 03/10/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 05/09/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 04/28/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 01/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/30/03
Date of Next Scheduled EDR Contact: 07/21/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 03/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/26/03
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/06/03
Date of Next Scheduled EDR Contact: 06/09/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/24/03
Date of Next Scheduled EDR Contact: 06/23/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00

Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/03

Date of Next Scheduled EDR Contact: 07/21/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/24/03

Date of Next Scheduled EDR Contact: 06/23/03

STATE OF UTAH ASTM STANDARD RECORDS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Source: EPA

Telephone: 703-413-0223

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Date Made Active at EDR: N/A

Database Release Frequency: N/A

Date of Data Arrival at EDR: N/A

Elapsed ASTM days: N/A

Date of Last EDR Contact: 06/02/03

SWF/LF: List of Landfills

Source: Department of Environmental Quality

Telephone: 801-538-6170

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/16/03

Elapsed ASTM days: 17

Date of Last EDR Contact: 05/12/03

LUST: Sites with Leaking Underground Storage Tanks

Source: Department of Environmental Quality

Telephone: 801-536-4115

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/14/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/19/03

Elapsed ASTM days: 14

Date of Last EDR Contact: 05/19/03

UST: List of Sites with Underground Storage Tanks

Source: Department of Environmental Quality

Telephone: 801-536-4115

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/14/03
Date Made Active at EDR: 05/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/19/03
Elapsed ASTM days: 10
Date of Last EDR Contact: 05/19/03

VCP: Voluntary Cleanup Sites List

Source: Department of Environmental Quality
Telephone: 801-536-4100

Date of Government Version: 02/20/03
Date Made Active at EDR: 03/20/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/04/03
Elapsed ASTM days: 16
Date of Last EDR Contact: 06/02/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 8
Telephone: 303-312-6137

Date of Government Version: 03/17/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/31/03
Elapsed ASTM days: 30
Date of Last EDR Contact: 05/27/03

STATE OF UTAH ASTM SUPPLEMENTAL RECORDS

AST: Listing of Aboveground Storage Tanks

Source: Department of Environmental Quality
Telephone: 801-536-4100

Date of Government Version: 03/26/03
Database Release Frequency: Varies

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

SPILLS: Spills Data

Source: Department of Environmental Quality
Telephone: 801-536-4100

Incidents reported to the Division of Environmental Response and Remediation

Date of Government Version: 05/12/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

BROWNFIELDS: Brownfields Assessment Sites

Source: Department of Environmental Quality
Telephone: 801-536-4100

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF UTAH BROWNFIELDS DATABASES RECORDS

VCP: Voluntary Cleanup Sites List

Source: Department of Environmental Quality
Telephone: 801-536-4100

Date of Government Version: 02/20/03
Database Release Frequency: Varies

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Provider List

Source: Department of Health
Telephone: 801-538-9299

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

INTERMOUNTAIN VERMICULITE FACILITY
WEST 100 SOUTH/SOUTH 400 WEST
SALT LAKE CITY, UT 84101

TARGET PROPERTY COORDINATES

Latitude (North):	40.766800 - 40° 46' 0.5"
Longitude (West):	111.901199 - 111° 54' 4.3"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	423938.7
UTM Y (Meters):	4513049.5
Elevation:	4260 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

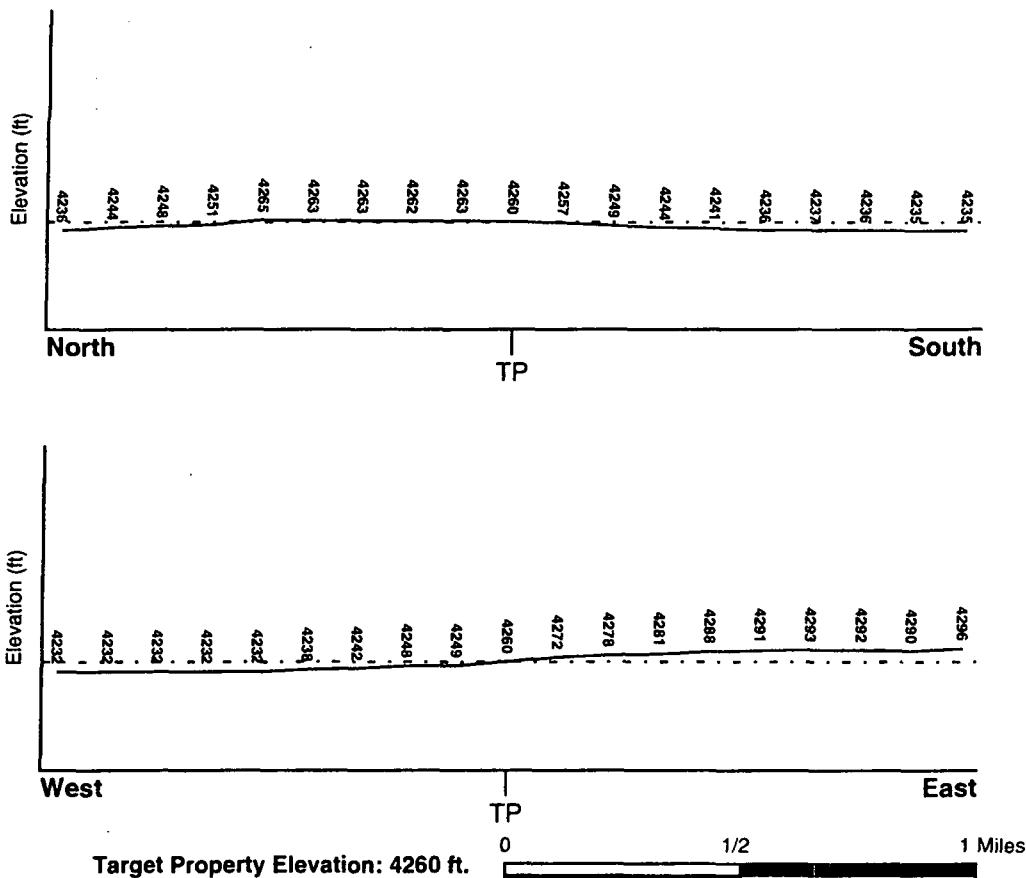
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2440111-G8 SALT LAKE CITY NORTH, UT
General Topographic Gradient: General WSW
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SALT LAKE, UT

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 4901050027A

Additional Panels in search area: 4901050020A
4901050014A
4901050031A

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SALT LAKE CITY NORTH

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	WAGONBOX
Soil Surface Texture:	very stony - loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.
Hydric Status:	Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 12 inches
Depth to Bedrock Max:	> 23 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	3 inches	14 inches	very cobbly - clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.10
3	14 inches	20 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00
4	20 inches	24 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: silty clay
loam
silty clay loam
fine sandy loam
very fine sandy loam

Surficial Soil Types: silty clay
loam
silty clay loam
fine sandy loam
very fine sandy loam

Shallow Soil Types: loam

Deeper Soil Types: silty clay
loamy sand
silty clay loam
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS1040923	1/4 - 1/2 Mile SSW
2	USGS1040977	1/2 - 1 Mile NE
3	USGS1040930	1/2 - 1 Mile ENE
A4	USGS1040931	1/2 - 1 Mile ENE
A5	USGS1040932	1/2 - 1 Mile ENE
B7	USGS1040983	1/2 - 1 Mile ENE
14	USGS1040988	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

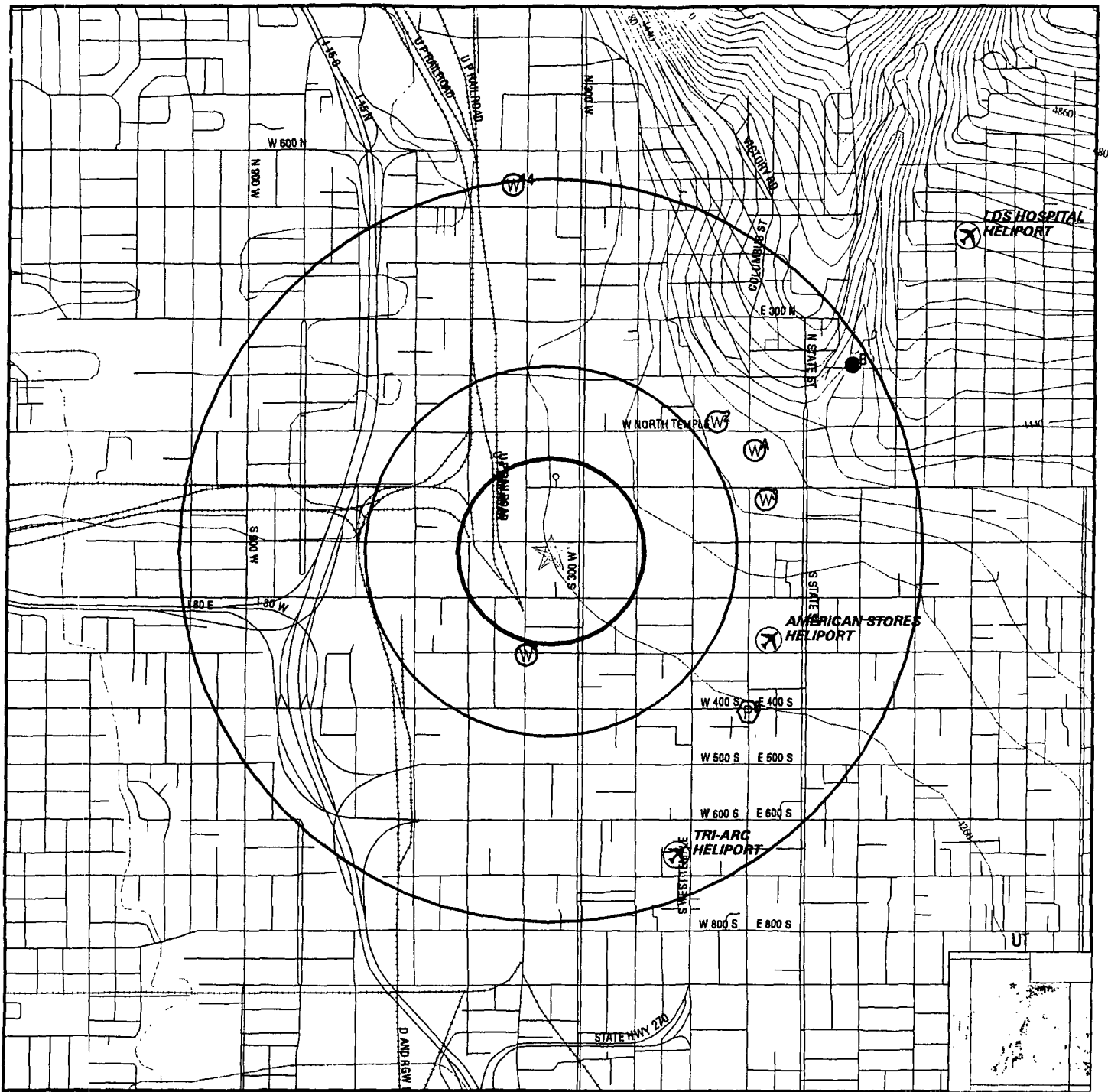
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	UT4901774	1/2 - 1 Mile SE









Note: PWS System location is not always the same as well location.





STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B8	2020	1/2 - 1 Mile ENE
B9	2032	1/2 - 1 Mile ENE
B10	2040	1/2 - 1 Mile ENE
B11	2017	1/2 - 1 Mile ENE
B12	2018	1/2 - 1 Mile ENE
B13	2019	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 00995252.5r



-  County Boundary
-  Major Roads
-  Contour Lines
-  Airports
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  Oil, gas or related wells

TARGET PROPERTY: Intermountain Vermiculite Facility
ADDRESS: West 100 South/South 400 West
CITY/STATE/ZIP: Salt Lake City UT 84101
LAT/LONG: 40.7668 / 111.9012

CUSTOMER: Camp, Dresser & McKee, Inc.
CONTACT: Anni Autio
INQUIRY #: 00995252.5r
DATE: June 13, 2003 7:53 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS1040923

Agency:	USGS	Site ID:	404545111540601
Site Name:	(C- 1- 1) 1bdd- 1		
Dec. Latitude:	40.76272		
Dec. Longitude:	-111.90244		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4237.00		
Hydrologic code:	16020204		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19820101	Inven Date:	Not Reported
Well Type:	Test hole, not completed as a well		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	15.0
Hole depth:	15.0	Source:	Not Reported
Project no:	Not Reported		

2
NE
1/2 - 1 Mile
Higher

FED USGS USGS1040977

Agency:	USGS	Site ID:	404619111533101
Site Name:	(A- 1- 1)31cca- 1		
Dec. Latitude:	40.77189		
Dec. Longitude:	-111.89271		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4374.50		
Hydrologic code:	16020204		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19340101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	186
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

3
ENE
1/2 - 1 Mile
Higher

FED USGS USGS1040930

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	404608111532201
Site Name:	(D- 1- 1) 6bbb- 1		
Dec. Latitude:	40.76884		
Dec. Longitude:	-111.89021		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4330.00		
Hydrologic code:	16020204		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19370101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	100VLFL		
Aquifer type:	Not Reported	Well depth:	440
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

A4 ENE 1/2 - 1 Mile Higher

FED USGS USGS1040931

Agency:	USGS	Site ID:	404615111532401
Site Name:	(A- 1- 1)31ccc- 2		
Dec. Latitude:	40.77078		
Dec. Longitude:	-111.89077		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4335.00		
Hydrologic code:	16020204		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19650101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	100VLFL		
Aquifer type:	Not Reported	Well depth:	390
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

A5 ENE 1/2 - 1 Mile Higher

FED USGS USGS1040932

Agency:	USGS	Site ID:	404615111532402
Site Name:	(A- 1- 1)31ccc- 4		
Dec. Latitude:	40.77078		
Dec. Longitude:	-111.89077		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4340.00		
Hydrologic code:	16020204		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19650501	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	100VLFL		
Aquifer type:	Not Reported	Well depth:	636
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

6
SE
1/2 - 1 Mile
Lower

FRDS PWS UT4901774

PWS ID: UT4901774 PWS Status: Active
Date Initiated: 7707 Date Deactivated: Not Reported
PWS Name: LDS HOSPITAL
325 EIGHTH AVENUE
SALT LAKE,, UT 84103

Addressee / Facility: Not Reported

Facility Latitude: Not Reported Facility Longitude: Not Reported
City Served: Not Reported
Treatment Class: Not Reported Population: Not Reported

PWS currently has or had major violation(s) or enforcement: No

B7
ENE
1/2 - 1 Mile
Higher

FED USGS USGS1040983

Agency: USGS Site ID: 404627111532601
Site Name: (A- 1- 1)31cac- 1
Dec. Latitude: 40.77412
Dec. Longitude: -111.88588
Coord Sys: NAD83
State: UT
County: Salt Lake County
Altitude: 4400.86
Hydrologic code: 16020204
Topographic: Valley flat
Site Type: Ground-water other than Spring
Const Date: 19430628 Inven Date: 20010625
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: 100VLFL
Aquifer type: X Well depth: 464
Hole depth: 464 Source: D
Project no: Not Reported

B8
ENE
1/2 - 1 Mile
Higher

UT WELLS 2020

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 05
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

B9
ENE
1/2 - 1 Mile
Higher

UT WELLS 2032

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 39
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

B10
ENE
1/2 - 1 Mile
Higher

UT WELLS 2040

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 37
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

B11
ENE
1/2 - 1 Mile
Higher

UT WELLS 2017

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 35
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

B12
ENE
1/2 - 1 Mile
Higher

UT WELLS 2018

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 31
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

B13
ENE
1/2 - 1 Mile
Higher

UT WELLS 2019

System Name: SALT LAKE CITY WATER SYS.
Source Name: 202 CANYON RD. Source Number: 09
Latitude: 40°46'27.0" Longitude: 111°53'06.0"

14
North
1/2 - 1 Mile
Lower

FED USGS USGS1040988

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	404652111540901
Site Name:	(B- 1- 1)36bcd- 1		
Dec. Latitude:	40.78106		
Dec. Longitude:	-111.90327		
Coord Sys:	NAD83		
State:	UT		
County:	Salt Lake County		
Altitude:	4230.00		
Hydrologic code:	16020204		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19580101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	100VLFL		
Aquifer type:	Not Reported	Well depth:	105
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: UT Radon

Radon Test Results

Zip	# sites <4 pCi/L	4-10	10-20	>20	20-50	50-100	>100	Max pCi/L	Avg	Total Sites	Test type
84101	0.0%	100.0%	0.0%	0.0%				4.4	4.4	1	Long Term Testing
84101	1	1	0		0	0	0	5	3.4	2	Short Term Testing

Federal EPA Radon Zone for SALT LAKE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SALT LAKE COUNTY, UT

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.670 pCi/L	83%	15%	2%
Basement	2.960 pCi/L	56%	41%	4%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Utah Public Drinking Water Well Sources

Source: Department of Environmental Quality

Telephone: 801-536-4200

Utah Oil, Gas and Mining Database

Source: Department of Natural Resources

Telephone: 801-538-5257

RADON

State Database: UT Radon

Source: Department of Environmental Quality

Telephone: 801-536-4250

Test Results by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



**The EDR-Aerial Photography
Print Service**

**Intermountain Vermiculite Faci
West 100 South/South 400 West
Salt Lake City, UT 84104**

June 17, 2003

Inquiry Number: 995252-10

***The Source
For Environmental
Risk Management
Data***

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

Environmental Data Resources, Inc.

Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12).

Aerial Photographs

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of Utah. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

Disclaimer

Copyright and Trademark Notice

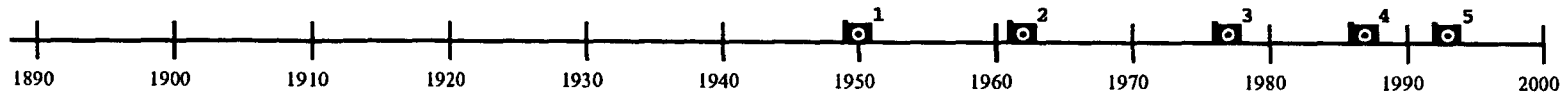
This report contains information from a variety of public and other sources. Environmental Data Resources, Inc. (EDR)[®] has relied on the information provided to it from such sources. EDR has not reviewed and does not warrant or guarantee the completeness, accuracy, timeliness or authenticity of such information in preparing this report. THE INFORMATION AND METHODOLOGY USED TO COMPILE THIS REPORT, AND THE ANALYSIS AND SERVICES INTENDED TO BE PROVIDED BY THIS REPORT ARE PROVIDED "AS IS" WITHOUT WARRANTY OR GUARANTY OF ANY KIND. EDR DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THIS REPORT AND ALL THE INFORMATION CONTAINED HEREIN, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall EDR be liable for any indirect, special, punitive or consequential damages, whether arising out of contract, tort or otherwise, arising out of this report and the information contained herein even if EDR has been advised of the possibility that such damages may arise.

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Prior Use Report® Timeline

Target Property



Legend:

- | | | |
|---|-----------------------------------|--------------------------------|
| = Historical Topographic Map (HT) | = Flood Prone/FEMA Maps (FP/FR) * | = Residential (R) |
| = National Wetland Inventory Map (WT) * | = Aerial Photos Included (P) * | = Commercial or Industrial (C) |
| | = Aerial Photos Available * | |

Superscript number corresponds to graph ID in text

**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

Target Property: Intermountain Vermiculite Faci
Address: West 100 South/South 400 West
City/State/Zip: Salt Lake City, UT 84104

Customer: Camp, Dresser & McKee, Inc.
Contact: Anni Autio
Inquiry #: 995252-10
Date: 06/17/03

4. SUMMARY

- *Aerial Photographs:*

Date EDR Searched Historical Sources:
Aerial Photography June 17, 2003

Target Property:
West 100 South/South 400 West
Salt Lake City, UT 84104

PUR ID

Year **Uses**

1 1950	Aerial Photograph. Scale: 1"=750'
2 1962	Aerial Photograph. Scale: 1"=750'
3 1977	Aerial Photograph. Scale: 1"=750'
4 1987	Aerial Photograph. Scale: 1"=750'
5 1993	Aerial Photograph. Scale: 1"=750'

Portion-Findings
(FIM Information Only)

Source

Panel #: 2440111-G8/Flightdate: June 20, 1950	nar
Panel #: 2440111-G8/Flightdate: August 2, 1962	nar
Panel #: 2440111-G8/Flightdate: June 28, 1977	nar
Panel #: 2440111-G8/Flightdate: September 9, 1987	nar
Panel #: 2440111-G8/Flightdate: August 14, 1993	nar

Glossary of Terms

A.A.A.

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

A.S.C.S

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

Address in Research Source

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

Address Not Listed in Research Source

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

Adjoining

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

Adjoining Back

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

Adjoining Front

Property directly in front of the target property. (Applies only to fire insurance map data.)

Adjoining Left

Property directly to the left of the target property. (Applies only to fire insurance map data.)

Adjoining Right

Property directly to the right of the target property. (Applies only to fire insurance map data.)

Adjoining Surrounding Area

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

C.A.S

Aerial photograph flyer: Chicago Aerial Survey (private).

C.S.S.

Aerial photograph flyer: Commodity Stabilization Service (Federal).

Cartwright

Aerial photograph flyer: Cartwright (private)

CD

City Directory

Commercial

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

Commercial or Industrial

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

D.N.R.

Aerial photograph flyer: Department of National Resources (state).

D.O.T.

Aerial photograph flyer: Department of Transportation (state).

Fairchild

Aerial photograph flyer: Fairchild (private).

FIM

Fire Insurance Map

Flood Insurance Rate Maps

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

Flood Prone Area Maps

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

F.S.

Aerial photograph flyer: Forest Service (Federal).

Geonex

Aerial photograph flyer: Geonex (private).

M.C.

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

Mark Hurd

Aerial photograph flyer: Mark Hurd (private)

N.A.P.P.

Aerial photograph flyer: National Aerial Photography Program (Federal).

National Wetland Inventory Maps

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

No Return

Indicates that site owner was unavailable at time of surveyor's contact. (*Applies only to city directories.*)

No Structure Identified on Parcel

Used when site boundaries and/or site address is indicated on a fire insurance map; no structure details exist.

Other

Occurs when the site's classification is different than EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

P.M.A.

Aerial photograph flyer: Production and Marketing Administration (Federal).

Pacific Aerial

Aerial photograph flyer: Pacific Aerial (private)

Portion

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

Property Not Defined

Used when property is not clearly demarcated on a fire insurance map.

Residential

Any property having fewer than five dwelling units used exclusively for residential purposes.

Residential with Commercial Uses (a.k.a. Multiple Purpose Address)

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

Sidwell

Aerial photograph flyer: Sidwell (private).

Site Not Mapped

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (*Applies only to fire insurance map data.*)

Teledyne

Aerial photograph flyer: Teledyne (private)

Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

Turnbow

Aerial photograph flyer: Michael Turnbow (private)

U.S.D.A.

Aerial photograph flyer: United States Department of Agriculture (Federal).

U.S.D.I.

Aerial photograph flyer: United States Department of the Interior (Federal).

U.S.G.S.

Aerial photograph flyer: United States Geological Survey (Federal).

Vacant

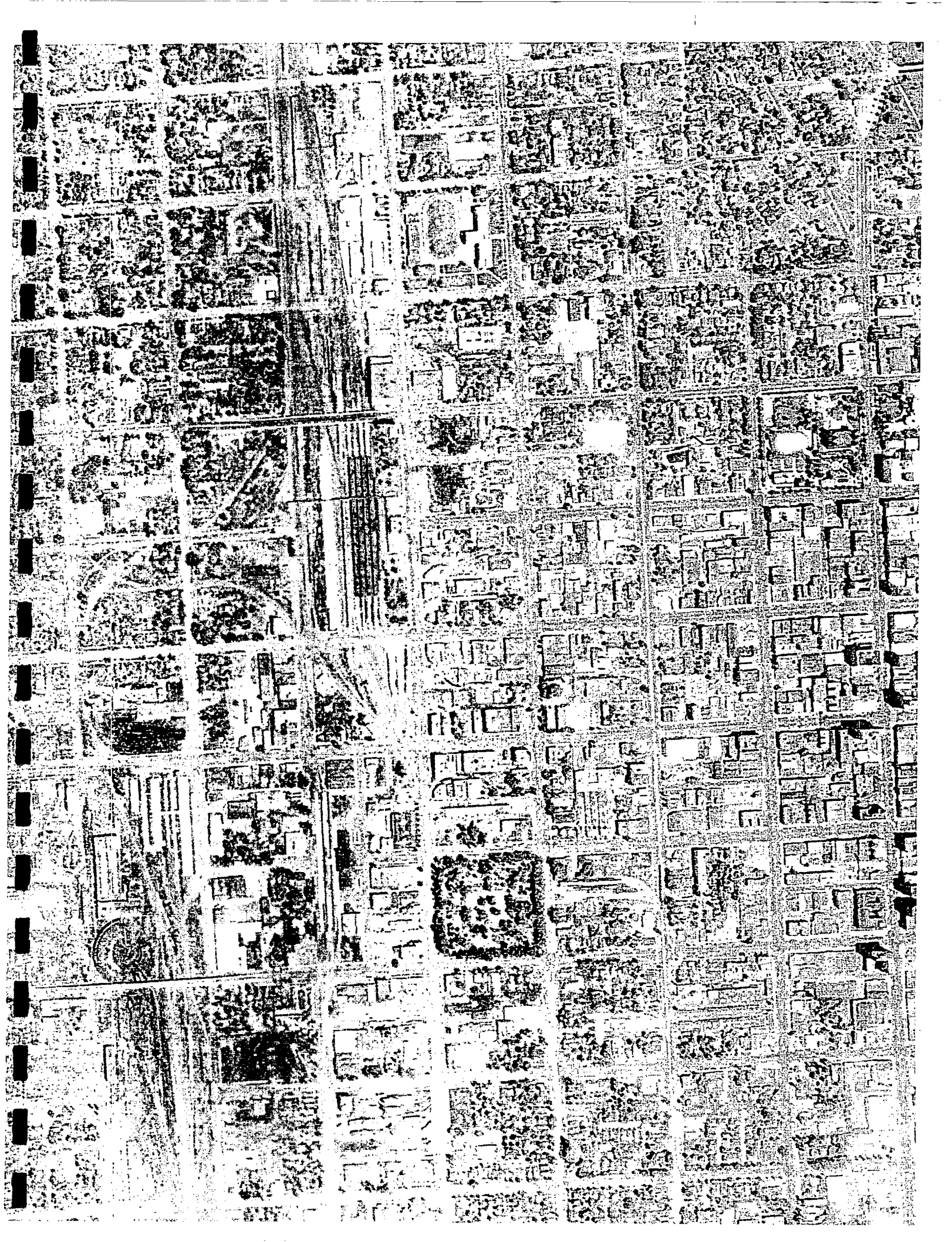
May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

W.P.A.

Aerial photograph flyer: Works Progress Administration (Federal).

WALLACE

Aerial photograph flyer: Wallace (private).

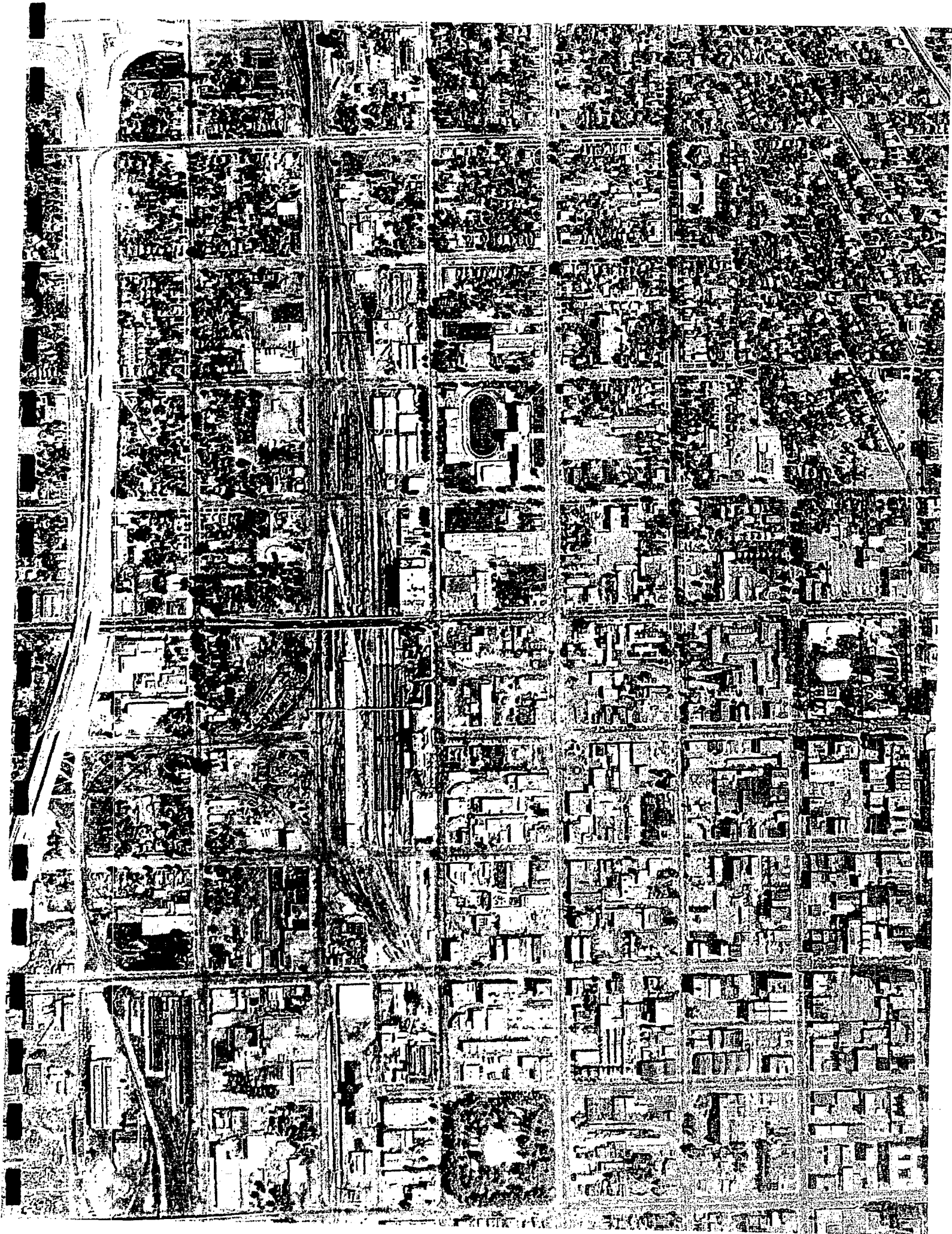


INQUIRY #: 995252

YEAR: 1950

SCALE: 1"= 750'



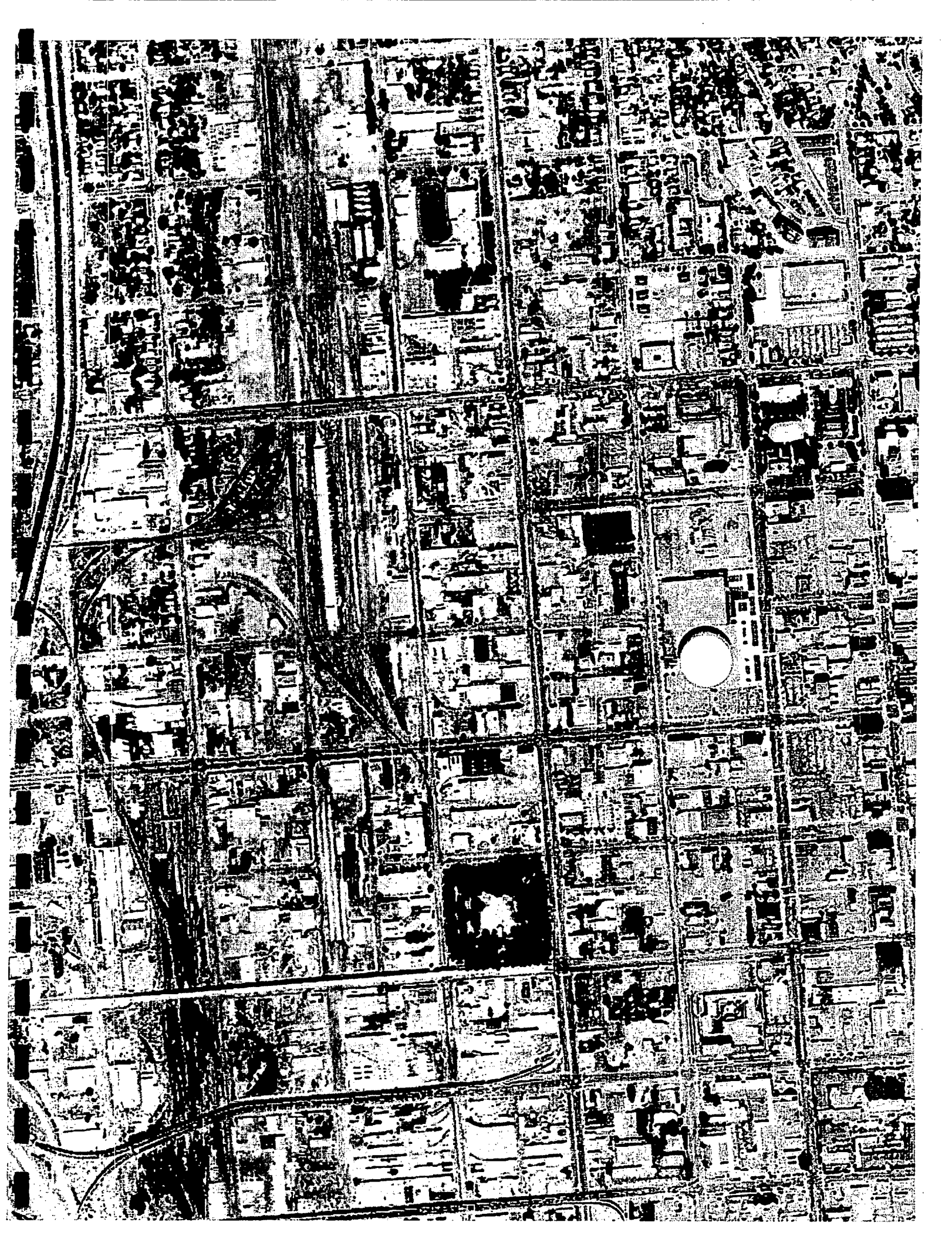


INQUIRY #: 995252

YEAR: 1962

SCALE: 1"= 750'



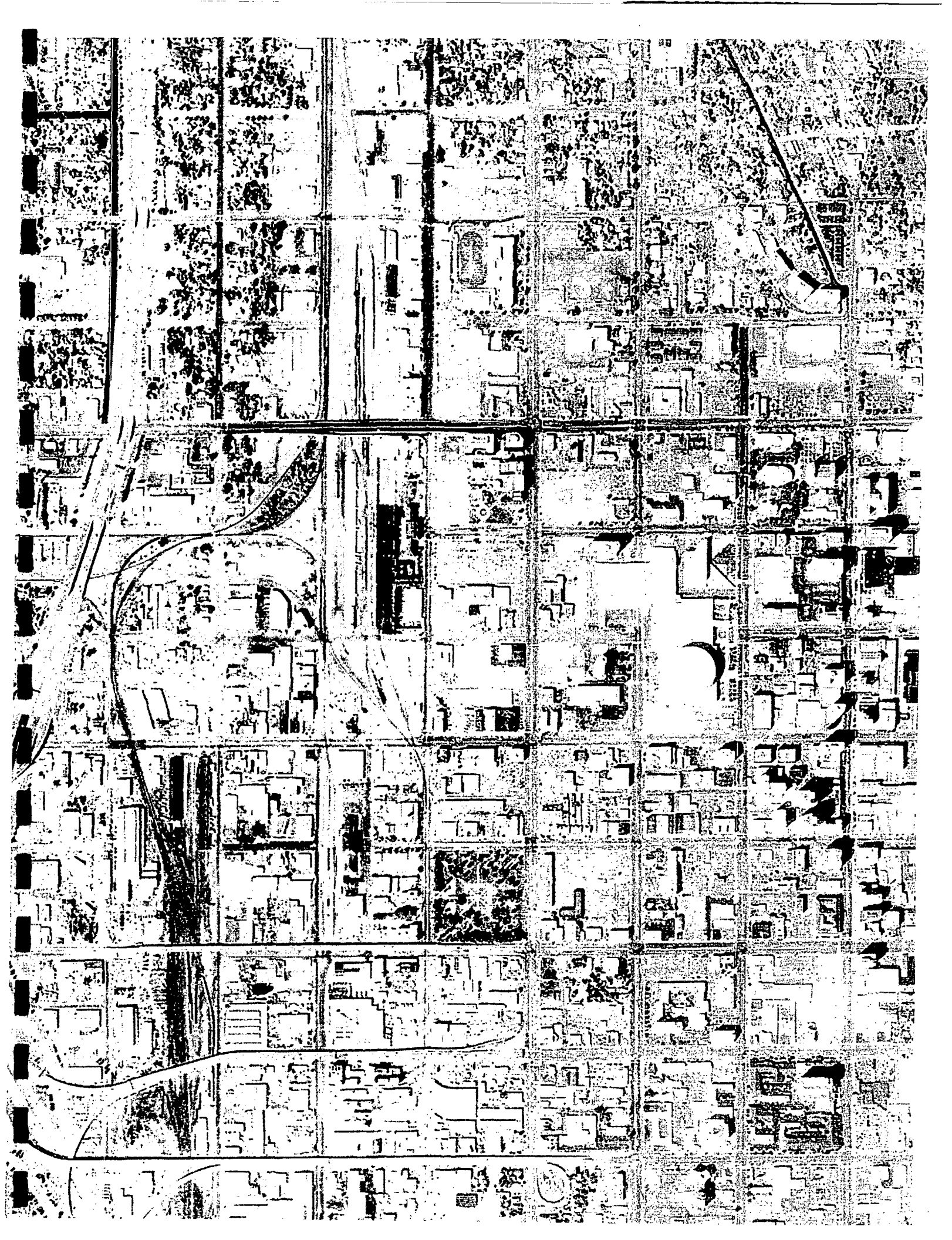


INQUIRY #: 995252

YEAR: 1977

SCALE: 1"= 750'





INQUIRY #: 995252

YEAR: 1987

SCALE: 1"= 750'





INQUIRY #: 995252

YEAR: 1993

SCALE: 1"= 750'





EDR-Industrial Site Package™

Air, Water, OSHA Report

**INTERMOUNTAIN VERMICULITE FACILITY
W 100 S/S 400 W
Salt Lake City, UT 84104**

Inquiry Number: 0995252.6s

June 16, 2003

***The Source
For Environmental
Risk Management
Data***

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

The EDR Air, WaterTM OSHA Report is a comprehensive presentation of government filings on a facility
The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: air emissions, water discharges, and health & safety issues.
Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

	RECORD 1 INTERMOUNTAIN VERMICU LITE FACILITY SALT LAKE CITY, UT
AIR EMISSIONS	
Facility has permitted air emissions (AIRS)	NO
Facility has reported emergency releases to air (ERNS/A)	NO
Facility has compliance data (AIRS/COM)	NO
WATER DISCHARGES	
Facility has permitted waste water discharges (NPDES/PCS)	NO
Facility has reported emergency releases to water (ERNS/W)	NO
Facility has enforcement actions (NPDES/PCS-ENF)	NO
Facility has an inactive waste water permit (NPDES-PCS INACT)	NO
HEALTH AND SAFETY	
Facility has been inspected by the Occupational Safety and Health Administration (OSHA)	NO
Facility has violations under OSHA (OSHA/VIOL)	NO
Facility has had accidents according to the Occupational Safety and Health Administration (OSHA/ACC)	NO
TOTAL (YES)	0

- A "NO" indicates that no findings were identified based on an exact name, address and/or EPA facility identification number search. Facility information may be available under an alternate name, address and/or EPA identification number.
- NR = Not Requested

SECTION 2: FACILITY DETAIL REPORTS

Record 1: INTERMOUNTAIN VERMICULITE FACILITY SALT LAKE CITY, UT (EDR ID#)

AIR EMISSIONS

Facility has permitted air emissions NO

Facility has reported emergency releases to air. NO

Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. NO

Facility has reported emergency releases to water. NO

Facility has enforcement actions NO

Facility has an inactive waste water permit. NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO

Facility has violations cited by the Occupational Safety and Health Administration. NO

Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 0

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

FACILITY RELATED DATABASES

AIR EMISSIONS

AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Source: EPA

Telephone: 919-541-5454

General plant level, plant air program, air program pollutant and plant action data.

Date of Government Version: 01/13/2003

Database Release Frequency: Annually

Date of Last EDR Contact: 04/28/2003

Date of Next Scheduled Update: 07/28/2003

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2002

Database Release Frequency: Annually

Date of Last EDR Contact: 04/28/2003

Date of Next Scheduled Update: 07/28/2003

WATER DISCHARGES

PCS: Permit Compliance System

Source: EPA/Office of Water

Telephone: 202-564-4099

PCS is EPA's database system for managing wastewater discharges to surface bodies of water as part of the National Pollutant Discharge Elimination System under the Clean Water Act. Facility data, discharge monitoring report information and compliance/enforcement activities are included in the database. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 11/18/2002

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/15/2003

Date of Next Scheduled Update: 07/14/2003

PCS INACTIVE: Listing of Inactive PCS Permits

Source: Environmental Protection Agency

Telephone: 202-564-2496

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 03/17/2003

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/19/2003

Date of Next Scheduled Update: 08/18/2003

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2002

Database Release Frequency: Annually

Date of Last EDR Contact: 04/28/2003

Date of Next Scheduled Update: 07/28/2003

HEALTH AND SAFETY

OSHA: Occupational Safety and Health Administration

Source: Department of Labor

Telephone: 202-219-7888

Specific inspection, violation and fatality/catastrophe information regarding inspections of interest.

Date of Government Version: 12/31/2001

Database Release Frequency: Annually

Date of Last EDR Contact: 04/25/2003

Date of Next Scheduled Update: 07/21/2003